

6001

Asp	Phe	Gly	Ser	Ser	Pro	Ile	Val	Ile	Met	Ala	Thr	Arg	Glu	Ser	Phe
	35					40					45				
Pro	Cys	Ala	Ala	Ile	Val	Trp	Phe	Thr	Arg	Leu	Met	Ala	Ser	Ser	Leu
	50					55				60					
Arg	Ser	Val	Leu	Thr	His	Gln	Thr	Pro	Pro	Thr	Gly	Met	Trp	Arg	Asn
	65				70				75					80	
Ser	Ser	His	Asn	Asp	Trp	Met	Pro	Ile	Glu	Asn	Met	Glu	Ser	Thr	Val
				85				90				95			
Ser	Leu	Phe	Ser	Ser	Asn	Phe	Tyr	Val	Ser	Gln	Phe	Thr	Ser	Glu	Ser
		100					105					110			
Val	Glu	Ile	Asn	Leu	Thr	Leu	Lys	Leu	Lys	Asn	Ile	Arg	Phe	Ser	Met
		115				120					125				

PRO  
U.S.  
JC530 09/252691  
02/18/99



<210> 10890

<211> 184

<212> PRT

<213> Enterobacter cloacae

<400> 10890

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Ala Val Arg Arg Arg Arg Thr Arg Phe Arg Arg Leu Ser Leu Arg Ile
1 5 10 15
Gly Pro Ser Phe Pro Gly Glu Ala Gly Val Asn Ile Leu Pro Leu His
20 25 30
Ala Ala Pro Gln Phe Thr Gln Gln Val Ile Asp Trp Ile Trp Tyr Ala
35 40 45
Phe Gly Glu Gly Met Pro Arg Ala Phe Phe Gln Ser Ile Val Glu His
50 55 60
Ser Leu Thr Pro Gly Glu Leu Pro Leu Thr Phe Ile Ala Val Glu Asp
65 70 75 80
Asp Gln Leu Leu Gly Thr Val Gly Leu Trp Arg Cys Asp Leu Ile Ser
85 90 95
Arg Gln Asp Leu His Pro Trp Leu Ala Ala Leu Tyr Val Asp Glu Ala
100 105 110
Ala Arg Gly Asn Gly Leu Ala Gly Lys Leu Gln Gln His Val Ile Gly
115 120 125
Tyr Ala Arg Arg Ala Gly Tyr His Glu Leu His Leu Trp Ser Ala Cys
130 135 140
Arg Asp Phe Tyr Glu Arg Tyr Gly Trp His Tyr Ile Gly Asp Ala Leu
145 150 155 160
Glu Tyr Pro Asp Lys Thr Val His Leu Tyr Arg Cys Ser Leu Thr Ala
165 170 175
Ser Ala Gly Asp Thr Thr Glu
180

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<210> 10891

<211> 66

<212> PBT

<212> TRI  
<213> *Enterobacter cloacae*

<400> 10891

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Pro Lys Gln Tyr Leu Lys Leu Val Ala Ser Arg Gln Met His Phe Leu
      5          10          15
Thr Leu Leu Arg Thr Cys Phe Leu Ser Ile Ser Lys Gln Lys Ser Ser
      20         25         30
Val Gln Arg Gln Trp Lys Lys Met Leu Ala Gln Tyr Leu Gln Ala Trp
      35         40         45
Leu Asn Leu Leu Leu Thr Pro Cys Ser Trp Ile Ser Gly Lys Asp Pro
      50         55         60
Arg

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65

&lt;210&gt; 10892

&lt;211&gt; 199

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10892

Asn	Val	Leu	Ile	Leu	Ser	Thr	Gly	Leu	His	Phe	Gly	Gly	Arg	Ile	Val
1															
Met	Thr	Val	Lys	Lys	Lys	Lys	Thr	Ala	Leu	Asn	His	Asp	Asp	Ile	Ala
	20														
Asp	Gly	Arg	Ile	Val	Ser	Ser	Arg	His	Leu	Val	Ser	Glu	Arg	Cys	Ala
	35														
Glu	Leu	Ser	Glu	Leu	Glu	Tyr	Ala	Leu	Met	Thr	Ser	Asn	Ala	Phe	
	50														
Asn	Lys	Trp	Met	Val	Arg	Cys	Met	Thr	Ala	Ala	Gly	Glu	Pro	Asp	Met
	65														
Gly	Ala	Phe	Asp	Val	Ser	Leu	Leu	His	His	Val	Asn	His	Arg	Asn	Arg
	85														
Lys	Lys	Lys	Leu	Ala	Asp	Ile	Cys	Phe	Val	Leu	Asn	Val	Glu	Asp	Thr
	100														
His	Val	Val	Thr	Tyr	Ala	Leu	Lys	Lys	Leu	Val	Lys	Ala	Gly	Tyr	Val
	115														
Thr	Ser	Glu	Lys	Ala	Gly	Lys	Glu	Leu	Phe	Phe	Ser	Thr	Thr	Glu	Glu
	130														
Gly	Lys	Ala	Leu	Cys	Met	Lys	Tyr	Arg	Glu	Val	Arg	Glu	Ala	Cys	Leu
	145														
Ile	Asn	Ile	Arg	Ala	Glu	Ser	Gly	Ile	Pro	Gly	Ala	Ser	Ile	Gly	Glu
	165														
Thr	Ala	Gln	Leu	Leu	Arg	Ala	Ile	Ser	Ser	Leu	Tyr	Asp	Thr	Ala	Ala
	180														
Arg	Ala	Ala	Ala	Ser	Leu										
	195														

&lt;210&gt; 10893

&lt;211&gt; 129

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10893

Gly	Gly	Arg	Met	Ile	Phe	Lys	Thr	Val	Val	Ala	Thr	Leu	Phe	Thr	Leu
1															
Ser	Gly	Leu	Ala	Ser	Ala	Leu	Ala	Ala	Thr	Pro	Ala	Tyr	Tyr	Ile	Ala
	20														
Glu	Phe	Gln	Ala	Thr	Asp	Leu	Asp	Ala	Ile	Lys	Pro	Tyr	Ser	Ala	Gln
	35														
Val	Glu	Ser	Thr	Phe	Arg	Pro	Phe	Gly	Gly	Arg	Phe	Ile	Val	Arg	Gly
	50														
Gly	Glu	Pro	Asp	Val	Lys	Glu	Gly	Phe	Gly	Ala	Gln	Gly	Arg	Leu	Val
	65														
Val	Ile	Lys	Phe	Glu	Ser	Leu	Lys	Asn	Ala	Gln	Asp	Trp	Tyr	Ser	Ser
	85														
Ala	Ala	Tyr	Gln	Lys	Ile	Ile	Pro	Ile	Arg	His	Arg	Ala	Gly	Asn	Ser
	100														
Arg	Thr	Tyr	Ile	Val	Glu	Gly	Leu	Pro	Glu	Leu	Ala	Pro	Val	Thr	Pro
	115														

&lt;210&gt; 10894

<211> 89  
<212> PRT  
<213> Enterobacter cloacae

<400> 10894  
Phe Ser Arg Arg Glu Asp Met Arg Gly Val Val Lys Ile Ile Ile Pro  
1 5 10 15  
Phe Gly Gly Glu Lys Arg Arg Leu Thr Met Leu Ile Thr Arg Met Gln  
20 25 30  
Glu Asn His Val Ala Thr Val Phe Gly Gly Gln Met Asp Met Pro Ile  
35 40 45  
Arg Lys Gly Val Ala Asp Pro Leu Arg Tyr Leu Gly Lys Asn Met Gly  
50 55 60  
Leu Ser Val Val Met Asp Leu Val Asp Gly Val Glu Ala Gln Thr Val  
65 70 75 80  
Lys Met Ile Leu Arg Glu Pro Glu  
85

<210> 10895  
<211> 389  
<212> PRT  
<213> Enterobacter cloacae

<400> 10895  
Cys Val Pro Glu Arg Glu Arg Asp Arg Gly Asp Arg Thr Ala Ala Tyr  
1 5 10 15  
Arg Pro Val Gly His Ser Asp Arg His Cys Gly Thr Asp His Pro Tyr  
20 25 30  
Asp Ala Ser Ala Thr Pro Arg Cys Gln His Ser Ser Arg Arg Asp Gly  
35 40 45  
Leu Glu Ser Arg Ala Gly Tyr Ala Gly Asp Arg Thr Met Met Thr Leu  
50 55 60  
Ile Thr Ile Asn Arg Val Tyr Tyr Leu Ile Gly Phe Val Val Met Leu  
65 70 75 80  
Leu Val Val Met Thr Leu Arg Asp Arg Ala Asn Pro Lys Arg Tyr Thr  
85 90 95  
Thr Ala Leu Phe Trp Phe Leu Phe Gly Gly Ile Phe Leu Phe Gly Asp  
100 105 110  
Leu Met Val Gln Glu Leu Gly Lys Ser Leu Ala Tyr Arg Ile Ile Gly  
115 120 125  
Gly Ala Val Ile Val Ile Ala Leu Leu Ala Gly Phe Gly Leu Val Gly  
130 135 140  
Lys Gly Arg Tyr Lys Met Ser Thr Glu Glu Glu Arg Val Ala Ser Ser  
145 150 155 160  
Asn Arg Leu Lys Asn Trp Leu Phe Leu Pro Ala Leu Met Ile Pro Val  
165 170 175  
Val Thr Val Ile Gly Thr Leu Phe Leu Lys Gly Val Ser Ile Gly Gly  
180 185 190  
Val Tyr Leu Leu Asp Gln Lys Gln Leu Thr Leu Ala Ala Leu Cys Val  
195 200 205  
Ala Cys Val Ala Ala Ile Leu Thr Gly Trp Trp Leu Thr Lys Gly Thr  
210 215 220  
Pro Leu His Ala Val Arg Gln Ser Arg Arg Leu Val Asp Thr Ile Gly  
225 230 235 240  
Trp Ala Val Ile Leu Pro Gln Met Leu Ala Met Leu Gly Gly Val Phe  
245 250 255  
Val Val Ala Asn Thr Gly Glu Ser Val Gln Lys Val Val Ser Leu Phe  
260 265 270  
Val Asn Pro Asp Ser Arg Phe Met Leu Val Val Ile Tyr Cys Val Gly  
275 280 285  
Met Ala Leu Phe Thr Met Ile Met Gly Asn Ala Phe Ala Ala Phe Pro

290	295	300
Val Leu Ser Ala Gly Ile Ala Leu Pro Phe	Leu Ile Asn Val His His	
305	310	315
Gly Asn Pro Ala Pro Leu Leu Ala Ile Gly	Met Tyr Ala Gly Tyr Cys	320
325	330	335
Gly Thr Leu Met Thr Pro Met Ala Ala Asn	Phe Asn Ile Val Pro Ala	
340	345	350
Ala Leu Leu Glu Leu Lys Asp Lys Tyr Gln	Val Ile Lys Ile Gln Ile	
355	360	365
Pro Thr Ala Leu Thr Leu Leu Val Val Asn	Val Phe Leu Met Tyr Phe	
370	375	380
Leu Val Phe Arg		
385		

&lt;210&gt; 10896

&lt;211&gt; 335

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10896

Gly Ala Ala Met Glu Leu Thr Gln His Gln	Ala Asp Ala Phe Ala Arg	
1 5	10	15
Met Pro Leu Thr Tyr Leu Arg Gln Glu Tyr	Pro Asn His Ile Met His	
20 25	30	
Leu Leu Asn Asp Asp Gly Asp Val Leu Pro	Pro Arg Glu Leu His Pro	
35 40	45	
Ile Phe Tyr Gly Cys Phe Asp Trp His Ser	Ala Val His Gly Tyr Trp	
50 55	60	
Leu Leu Leu Arg Cys Leu Arg Leu Trp Pro	Glu Leu Pro Cys Arg Glu	
65 70	75	80
Glu Ile Ile Thr Leu Phe Glu Glu His Leu	Thr Asp Glu Lys Val Ala	
85 90	95	
Lys Glu Leu Ala Tyr Phe Thr Ala Pro Phe	Arg Ala Ser Phe Glu Arg	
100 105	110	
Pro Tyr Gly Tyr Gly Trp Leu Leu Ala Leu	Ala Gln Glu Leu Lys Gln	
115 120	125	
Ser Ser Leu Pro Gln Ala Glu Arg Trp Tyr	Gln Thr Leu Gln Pro Leu	
130 135	140	
Thr Arg Asp Ile Arg Gln Arg Leu Val Asp	Tyr Leu Ser Lys Leu Thr	
145 150	155	160
Tyr Pro Ile Arg Val Gly Thr His Tyr Asn	Thr Ala Phe Ala Leu Ala	
165 170	175	
Leu Gly Leu Asp Tyr Ala Arg Ala Val Asn	Asp Asp Thr Leu Glu Arg	
180 185	190	
Ala Ile Leu Asp Ala Ala Thr Arg Phe Tyr	Leu Ala Asp Thr Gln Tyr	
195 200	205	
Pro Ala His Tyr Glu Pro Gly Gly Asp Glu	Tyr Ile Ser Gly Ala Leu	
210 215	220	
Thr Glu Ala Leu Leu Met Ser Glu Val Val	Glu Asp Phe Pro Ala Trp	
225 230	235	240
Phe Asp Ala Phe Leu Pro Glu Val Gly Ala	Val Ser Ala Leu Met Asn	
245 250	255	
Pro Ala Glu Val Ser Asp Arg Thr Asp Pro	Lys Ile Ala His Leu Asp	
260 265	270	
Gly Leu Asn Leu Ser Arg Ala Trp Cys Met	Lys His Ile Ala Arg Ala	
275 280	285	
Leu Pro Glu Asn His His Ala Arg Lys Pro	Leu His Asp Ala Val Ala	
290 295	300	
Arg His Leu Ser Ala Ser Val Glu His Val	Val Gly Ser His Tyr Ser	
305 310	315	320
Gly Gly His Trp Leu Ala Ser Phe Ala Leu	Leu Ala Leu Glu	

325

330

335

&lt;210&gt; 10897

&lt;211&gt; 267

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10897

Cys	Thr	Gly	Phe	Ala	Leu	Leu	Arg	Ser	Ile	Lys	Asn	Ser	Arg	Arg	Arg
1				5					10				15		
Ala	Thr	Leu	Thr	Leu	Asp	Arg	Val	Thr	Phe	Met	Asp	Ser	Ser	Thr	Leu
		20			25								30		
Leu	Pro	Leu	Ile	Gly	Ile	Pro.	Val	Val	Val	Ile	Gly	Phe	Ala	Leu	Arg
		35			40							45			
Phe	Asn	Pro	Leu	Leu	Val	Val	Val	Val	Ala	Gly	Leu	Ala	Thr	Gly	Leu
		50			55						60				
Leu	Val	Gly	Met	Asp	Phe	Gly	Met	Leu	Leu	Glu	Thr	Phe	Gly	Glu	Lys
		65			70					75			80		
Phe	Val	Asn	Ser	Arg	Ser	Leu	Ala	Thr	Phe	Ile	Leu	Ile	Leu	Pro	Val
			85						90				95		
Ile	Gly	Leu	Leu	Glu	Tyr	Tyr	Gly	Leu	Lys	Glu	Arg	Ala	Gln	Ala	Trp
		100			105						110				
Val	Ala	Lys	Ile	Ala	Ser	Ala	Thr	Ser	Ala	Arg	Ile	Leu	Met	Leu	Tyr
		115			120						125				
Phe	Val	Ala	Arg	Glu	Gly	Thr	Ala	Ala	Leu	Gly	Leu	Met	Ser	Leu	Gly
		130			135					140					
Gly	His	Ala	Gln	Thr	Val	Arg	Pro	Leu	Leu	Ala	Pro	Met	Ala	Glu	Gly
		145			150					155			160		
Ala	Ala	Leu	Asn	Glu	Tyr	Gly	Glu	Leu	Pro	Gln	Thr	Ile	Arg	Asp	Lys
		165			170					175					
Ile	Lys	Ala	His	Ala	Ala	Ala	Cys	Asp	Asn	Ile	Ala	Val	Phe	Phe	Gly
		180			185							190			
Glu	Asp	Ile	Phe	Ile	Ala	Phe	Gly	Ala	Val	Leu	Leu	Ile	Asp	Ala	Phe
		195			200						205				
Leu	Lys	Glu	Asn	Gly	Ile	Glu	Gly	Ile	Glu	Pro	Leu	His	Ile	Gly	Leu
		210			215						220				
Trp	Ala	Ile	Pro	Thr	Ala	Ile	Ala	Ala	Leu	Ile	Ile	His	Met	Thr	Arg
		225			230					235			240		
Leu	Leu	Arg	Leu	Asp	Ala	Ser	Ile	Arg	Arg	Asp	Val	Met	Ala	Trp	Lys
		245			250						250		255		
Ala	Glu	Gln	Gly	Thr	Gln	Glu	Ile	Ala	Pro						
		260							265						

&lt;210&gt; 10898

&lt;211&gt; 114

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10898

Gln	Asp	Cys	Lys	Thr	Leu	Trp	Cys	Asn	Arg	Ser	Gln	Phe	Trp	Gln	Ser
1				5				10				15			
Phe	Tyr	Asp	Ile	Gly	Ser	Arg	Ile	Ala	Gly	Thr	Val	Ser	Asp	Arg	Asn
			20		25							30			
Asp	Leu	Leu	Val	Cys	Gly	Arg	Ala	Ile	Pro	Val	Leu	Gly	Ile	Phe	Glu
		35			40							45			
Thr	Leu	Lys	Leu	Asp	Tyr	Asn	Gln	Ser	Ala	Leu	Cys	Ser	Lys	Pro	Phe
		50			55						60				
Phe	Asn	Ile	Gly	Phe	Thr	Ser	Ser	Asp	Asp	Glu	Ala	Ser	Thr	Lys	Arg
		65			70					75			80		
Ser	Glu	Gly	Arg	Phe	Asn	Leu	Ser	Ala	Val	Arg	Phe	Asp	Ser	Val	Lys
		85							90			95			

Ile Gly Arg Leu Lys Leu Cys Asp Val Ile Ser Arg Arg Cys Cys Gln  
 100 . 105 110  
 Gly

<210> 10899

<211> 121

<212> PRT

<213> Enterobacter cloacae

<400> 10899

Leu Leu Thr Glu Arg Arg Asn Lys Gln Arg Gly Glu Lys Met Val  
 1 5 10 15  
 His Pro Gly Gly Leu Leu Gly Leu Arg Leu Ala Leu Arg Ala Val Ala  
 20 25 30  
 Lys Ala Thr Leu Ser Ser Leu Val Leu Ala Ile Asn Ser His Thr Leu  
 35 40 45  
 Lys Gln Gln His Arg Cys Tyr Pro Gly Glu Tyr Gly Ala Ser Gly Arg  
 50 55 60  
 Ile Arg Thr Ser Asp Arg Ser Val Arg Ser Arg Val Leu Tyr Pro Ala  
 65 70 75 80  
 Glu Leu Arg Met His Arg Asp Leu Leu Leu Leu Leu Ile Leu Gly  
 85 90 95  
 Ile Ala Ser Lys Ala Thr Gln Ser Lys Ile Trp Cys Ile Arg Glu Asp  
 100 105 110  
 Ser Asn Leu Arg Pro Leu Gly Ser  
 115 120

<210> 10900

<211> 130

<212> PRT

<213> Enterobacter cloacae

<400> 10900

Asn Asn Gly Ser Ser Ala Val Ile Ile Cys Leu Phe Ile Ala Phe Ile  
 1 5 10 15  
 Gly Ile Val Ile Ser Phe Tyr Ile Asp Tyr Arg Lys Asn Tyr Arg Gln  
 20 25 30  
 Val Asn Gln Ile Tyr Ala Ile Leu Thr Asn Gln Gln Leu Leu Lys Lys  
 35 40 45  
 Glu Asp Tyr Gln Thr Trp Gln Asn Leu Gly Phe Trp Gly Phe Gly Phe  
 50 55 60  
 Leu Thr Thr Ile Leu Ser Arg Val Leu Gln Gly Lys Arg Val Arg Leu  
 65 70 75 80  
 Thr Glu Cys Arg Trp Leu Glu Pro Gln Ser Cys Asn Lys Phe Phe Ser  
 85 90 95  
 Asp Phe Asp Leu Ser Trp Val Lys Ser Tyr Arg Arg Lys Ile Leu Ile  
 100 105 110  
 Ala Thr Val Ile Phe Leu Leu Leu Ile Leu Ser Ser Ile Asn Ser  
 115 120 125  
 Val  
 130

<210> 10901

<211> 384

<212> PRT

<213> Enterobacter cloacae

<400> 10901

Thr Lys Ser Phe Lys Arg Met Pro Asn Arg Arg Ala Met Leu Arg Ile  
 1 5 10 15

Thr Ile Pro Pro Trp Arg Cys Gly Trp Ala Thr Leu Arg Thr Pro Leu  
 20 25 30  
 Cys Cys Ile Arg Ser Leu Thr Gln His Asn Phe Phe Pro Ala Glu Leu  
 35 40 45  
 Ile Arg His Thr Arg Ile Asp Met Lys Leu Trp Leu Ser Gly Leu Ala  
 50 55 60  
 Leu Leu Thr Val Ala Thr Thr Ala Gln Ala Glu Asn Phe Arg Ile Val  
 65 70 75 80  
 Gln Ser Pro Ala Gln Lys Leu Asp Ile Trp Ile Asp Asn Ile Lys Asp  
 85 90 95  
 Asn Thr Pro Gln Ser Trp Cys Lys Ala Asp Val Ala Leu Arg Ile Val  
 100 105 110  
 Ala Asn Gly Lys Lys Glu Val Ser Val Leu Glu Asn Phe Val Pro Arg  
 115 120 125  
 Leu Gly Ser Leu Leu Glu His Gln Cys Ser Lys Leu Asn Thr Leu Asn  
 130 135 140  
 Trp Thr Leu Asn Asp Pro Glu Gly Thr Thr Leu Ala Arg Gly Thr Ala  
 145 150 155 160  
 Ala Lys Ala Gln Asp Trp Ala Leu Val Val Lys Gln Gln Glu Thr Thr  
 165 170 175  
 Ala Ala Thr Thr Thr Ser Gly Ala Leu Leu Pro Pro Asp Gln Asn  
 180 185 190  
 Pro Glu Thr His Thr Val Ala Ala Asp Arg Thr Pro Trp Gln Glu Phe  
 195 200 205  
 Thr Leu Gln Asp Gly Cys His Leu Arg Thr Phe Trp Glu Gly Gly Ser  
 210 215 220  
 Ser Ala Pro Ala Leu Phe Ile Pro Asp Ser Asp Thr Thr Arg Cys Gly  
 225 230 235 240  
 Asn Gly Ser Trp Leu Ser Gly His Thr Val Val Thr Gln Asn Arg Asn  
 245 250 255  
 Gly Ala Gln Lys Ala Ile Pro Val Thr Tyr Ile His Gly Phe Pro Val  
 260 265 270  
 Met Gly Leu Asn Asn Ala Val Asp Pro Glu Lys Ala Leu Ile Thr Ser  
 275 280 285  
 Val Asn Lys Glu Arg Met Val Phe Ser Thr Pro Asn Ser Asp Gln Ser  
 290 295 300  
 Trp Met Ile Leu Pro Tyr Asp Ser Thr Leu Asn Gly Trp Lys Ser Asn  
 305 310 315 320  
 Gly Thr Val Ala Val Glu Ile Thr Arg Glu Ile Ala Ser Asp Asp Ala  
 325 330 335  
 Arg Leu Gln Ala Arg Ile Ala Glu Val Lys Lys Ile Trp Ser Ala Trp  
 340 345 350  
 Val Ala Pro Gly Ala Glu Leu Asn Val Val Leu Ile Asp Thr Leu Arg  
 355 360 365  
 Pro Gln Leu Arg Asp Pro Ala Val Gly Ala Trp Arg Ala Ala Asn  
 370 375 380

&lt;210&gt; 10902

&lt;211&gt; 352

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10902

Lys Gly Ala Gly Met Ser Glu Val Ala Pro Ala Thr Leu Arg Val His  
 1 5 10 15  
 Arg Leu Thr Pro Leu Pro Asp Ala Phe Trp Arg Gly Val Arg Glu Thr  
 20 25 30  
 Pro Trp Arg Tyr Asp Leu Phe Gln Leu Leu Arg Arg Ile Asp Ala Gln  
 35 40 45  
 Gly Gly Glu Arg Tyr Pro Leu Gly Arg Ala Pro Leu Pro Lys Phe Glu  
 50 55 60

Pro Leu Arg Ile Gly Gln Lys Pro Ser Met Gly Phe Ala Pro Ser Thr  
 65 70 75 80  
 Val Ala Glu Val Arg Gln Arg Glu Glu Asn Gly Leu His Glu Val Ser  
 85 90 95  
 Ile Leu Ser Phe Gly Leu Phe Gly Pro Asn Gly Pro Leu Pro Val His  
 100 105 110  
 Met Thr Glu Tyr Ala Arg Glu Arg Ile His His His Gln Asp His Ser  
 115 120 125  
 Leu Ser Ala Phe Ala Asp Leu Phe His His Arg Leu Thr Leu Leu Phe  
 130 135 140  
 Tyr Arg Ala Trp Ala Asp Ala Gln Pro Ala Val Ser Leu Asp Arg Asp  
 145 150 155 160  
 Asp Asn Arg Arg Phe Glu Gly Tyr Leu Ala Ser Leu Ile Gly Met Gly  
 165 170 175  
 Gln Pro Ala Gln Met Ser Lys Gly Ser Leu Ser Ala His Ala Arg Phe  
 180 185 190  
 Thr His Ala Gly His Leu Thr Arg His Gly Arg Asp Pro Glu Gly Leu  
 195 200 205  
 Glu Lys Ile Leu Arg Asn Tyr Phe Asn Val Pro Val Arg Leu Val Ala  
 210 215 220  
 Asn Val Pro Gln Trp Met Pro Leu Ser Thr Arg Glu Gln Ala Gln Leu  
 225 230 235 240  
 Gly Glu Gly Arg Arg Leu Pro Arg Met Gly Glu Ser Ala Phe Leu Gly  
 245 250 255  
 Ile Ala Val Arg Asp Val Gln His Lys Phe Arg Leu Glu Ile Gly Pro  
 260 265 270  
 Leu Ser Ala Asp Asp Tyr Asn Arg Phe Leu Pro Gly Glu Gly Trp Val  
 275 280 285  
 Thr Glu Leu Arg Asp Trp Val Arg Gln Tyr Ala Gly Val Glu Phe Glu  
 290 295 300  
 Trp Glu Thr Arg Val Ile Leu Arg Ala Asp Ala Val Gln Gly Ala Thr  
 305 310 315 320  
 Leu Gly Ser Ala Gly Arg Leu Gly Tyr Asn Thr Trp Leu Gly Leu Gln  
 325 330 335  
 Pro Gln Pro Val Pro Arg Gly Asp Leu Val Tyr Arg Ala Glu Arg  
 340 345 350

&lt;210&gt; 10903

&lt;211&gt; 500

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10903

Ile Arg Lys Pro Ala Gly Asn Arg Thr Glu Arg Met Tyr Asn Ile Lys  
 1 5 10 15  
 Phe Val Tyr Leu Phe His Glu Asn Val Ser Pro Ala Leu Phe Ala Lys  
 20 25 30  
 Ile Ile Arg Pro Ser Val Ala Gly Gln Trp Ile Met Ser Val Pro Asp  
 35 40 45  
 His Ser Leu Arg Ser Leu Phe Thr Arg Tyr Asp Leu Leu Arg Thr Ile  
 50 55 60  
 Thr Gly Ala Asn Pro Tyr Gln Ser Gly Arg Asp Thr Arg Thr Leu Ile  
 65 70 75 80  
 Ala Gln Asp Leu Glu Met Gly Arg Val Val Ala Ile Asp Glu Ser Phe  
 85 90 95  
 Arg Asp Trp Ser Ser Val Thr Glu Ile Phe Tyr Ile Asn Ala Lys Gly  
 100 105 110  
 Gln Leu Gln Ala Ala Ser Leu Val Gly Leu Gly Trp Tyr Pro Val Ser  
 115 120 125  
 Thr Ile Val Asp Arg Tyr Glu Thr Met Val Arg Thr Tyr Gly Ser Arg  
 130 135 140

Pro Ala Pro Thr Val Leu Pro Lys Gln Val Val Lys Ser Lys Thr Ala  
 145 150 155 160  
 Gln Val Pro Asp Glu Pro Thr Pro Gly Lys Asp Gly Lys Thr Tyr Ala  
 165 170 175  
 Gly Gln Leu Gln Lys Met Thr Lys Ala Glu Arg Trp Gln Ala Arg Lys  
 180 185 190  
 Asp Leu Ile Ala Lys Gly Ser Asn Ser Leu Tyr Pro Asp Ala Gln Ile  
 195 200 205  
 Ala Ala Lys Arg Leu Ala Ala Asn Asn Ile Ala Val Glu Lys Ala Lys  
 210 215 220  
 Leu Ala Glu Asn Ile Tyr Lys Thr Val Asn Pro Leu Glu Thr Thr Pro  
 225 230 235 240  
 Gly Val Pro Glu Gly Trp Thr Asp Ile Ser Asn Asp Asp Ala Leu Leu  
 245 250 255  
 Gly Lys Phe Gly Leu Asn Lys Ser Met Leu Phe Asp Asp Asp Thr Ser  
 260 265 270  
 Pro Asn Phe Leu Ala Arg Val Tyr Gln Pro Lys Pro Glu Val Phe Gly  
 275 280 285  
 Ala Asp Met Asn Pro Thr Leu Val Phe Arg Gly Ser Arg Glu Pro Gly  
 290 295 300  
 Phe Ala Ser Leu Ser Glu Asn Val Ser Ser Leu Leu Thr Lys Gly Glu  
 305 310 315 320  
 Leu Ala Pro Val Val Asn Gly Ala Asp Trp Ser Asn Asn Phe Ser Gln  
 325 330 335  
 Gly Met Gly Met Ala Ser Asp Tyr Tyr Lys Lys Ala Val Ser Ile Gly  
 340 345 350  
 Lys Glu Leu Ala Arg Ser Gly Gln Asn Ile Asp Ile Ala Gly His Ser  
 355 360 365  
 Leu Gly Gly Gly Leu Ala Ser Ala Thr Ser Met Gly Ser Gly Lys Ala  
 370 375 380  
 Gly Trp Thr Phe Asn Ala Ala Gly Leu Asn Ala Gly Thr Val Glu Lys  
 385 390 395 400  
 Tyr Gly Gly Lys Ile Leu Gly Ser Thr Asp Asn Ile Gln Ala Tyr Arg  
 405 410 415  
 Val Glu Gly Glu Leu Leu Thr Lys Ile Gln Glu Val Asn Pro Trp Glu  
 420 425 430  
 Asp Leu Lys Thr Met Lys Gly His Val Pro Ser Trp Ile Leu Lys Glu  
 435 440 445  
 Glu Ile Ser Ala Leu Ser Pro Asn Ala Ala Gly Ile Pro His Asp Leu  
 450 455 460  
 Pro Gly Gly Thr Gly Ser Ala Leu Asp Arg His Gly Ile Asn Gln Ala  
 465 470 475 480  
 Ile Asp Cys Ile Glu Gln Gln Lys Asp Glu Asp Ile Ser Ile Ile Gly  
 485 490 495  
 Ser Arg Leu  
 500

&lt;210&gt; 10904

&lt;211&gt; 174

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10904

Lys Arg Ser Ser Ser Arg Arg Gly Ala Asn Gly His Pro Arg Arg Leu  
 1 5 10 15  
 Ser Asp Cys Ser Thr Val Met Asn Ala Arg Asp Lys Val Phe Val Phe  
 20 25 30  
 Trp Gly Cys Met Asp Ala Leu Ala Val Val Leu Tyr Cys Ala Gln Ser  
 35 40 45  
 Met Arg His Asp Lys Ile Pro Phe Ile Ser Asp Ile His Ala Phe Ser  
 50 55 60

Thr Val Val Asn Ala Leu Ser Ala Gly Gly Tyr Ser Ala Leu Val Ile  
 65 70 75 80  
 Leu Phe Phe Ile Leu Asp Phe Leu Leu Leu Leu Ser Phe Ile Ala Ser  
 85 90 95  
 Ala Trp Cys Phe Phe Ala Arg Asn Leu Tyr Ala Ser Arg Leu Ala Leu  
 100 105 110  
 Tyr Gln Glu Ile Leu Arg Leu Val Gly Phe Arg Tyr Ser Val Ser Leu  
 115 120 125  
 Phe Pro Leu Val Leu Ser Phe Thr Gly Val Met Asn Val Trp Leu Asn  
 130 135 140  
 Gly Phe Leu Phe Ile Leu Ser Glu Phe Leu Lys Ile Tyr Ser Leu Trp  
 145 150 155 160  
 Ile Tyr Lys Tyr Glu Gly Glu Arg Pro Pro Val Lys Glu  
 165 170

&lt;210&gt; 10905

&lt;211&gt; 295

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10905

Leu Thr Arg Cys Val Arg Ser Cys Ala Ile Arg Gln Trp Ala Pro Gly  
 1 5 10 15  
 Ala Arg Arg Ile Lys Gly Gly Ala Met Asn Thr Leu Tyr Gln Arg Leu  
 20 25 30  
 Ala Gly Glu Ser Ile Ser Asp Ala Leu Leu Arg Leu Glu Ala Glu Ile  
 35 40 45  
 Lys Ala Arg Pro Ala Asp Ala Asp Leu Arg Ala Ala Phe Val Gln Phe  
 50 55 60  
 Leu Ile Leu Ser Gly Asn Trp Ala Arg Ala Leu Thr Gln Leu Lys Ser  
 65 70 75 80  
 Trp Leu Ala Leu Met Pro Gln Ala Lys Pro Thr Val Thr Leu Leu Glu  
 85 90 95  
 Gln Ala Ile Gln Gly Glu Gln Gln Arg Ala Arg Val Phe Ala Gly Glu  
 100 105 110  
 Ala Arg Pro Ala Met Pro Glu Ala Gln Trp Pro Trp Leu Ser Thr Leu  
 115 120 125  
 Ala Gln Ala Leu Thr Glu Arg Ala Gly Gln Ala Gln Thr Leu Arg Leu  
 130 135 140  
 Ala Ala Leu Glu Gln Ala Pro Ala Ser Arg Gly Gln Val Thr Leu Glu  
 145 150 155 160  
 Asn Glu Glu Ser His Thr Phe Glu Trp Leu Met Asp Gly Asp Ala Arg  
 165 170 175  
 Leu Gly Pro Val Cys Glu Thr Leu Val Asn Gly Arg Tyr Phe Trp Val  
 180 185 190  
 Pro Phe Cys Ala Ile Asp Ala Ile Arg Phe Gln Ala Pro Ala Ser Val  
 195 200 205  
 Thr Asp Leu Val Trp Arg His Ala Leu Val Arg Leu Thr Asp Gly Thr  
 210 215 220  
 Glu Gln Val Cys Gln Ile Pro Ala Arg Tyr Pro Phe Ala Asp Gly Ala  
 225 230 235 240  
 Ser Asp Ser Val Arg Leu Gly Arg Thr Thr Glu Trp Leu Pro Leu Asp  
 245 250 255  
 Asp Asp Gly Val Leu Tyr Glu Gly Met Gly Gln Lys Ala Trp Leu Ser  
 260 265 270  
 Glu Gln Ser Glu Ser Pro Leu Leu Thr Leu Ser Leu Val Thr Phe Thr  
 275 280 285  
 Ser Asp Gly Ala Asn Glu  
 290 295

&lt;210&gt; 10906

<211> 631  
<212> PRT  
<213> Enterobacter cloacae

<400> 10906

Thr	Glu	Arg	Cys	Gly	Val	Met	Met	Glu	Ser	Lys	Leu	Leu	Glu	Tyr	Tyr
1					5				10					15	
Asn	Arg	Glu	Leu	Ala	Tyr	Leu	Arg	Glu	Met	Gly	Ala	Glu	Phe	Ala	Glu
					20				25					30	
Arg	Tyr	Pro	Lys	Val	Ala	Gly	Arg	Leu	Gly	Met	Arg	Gly	Ile	Glu	Val
					35				40				45		
Ala	Asp	Pro	Tyr	Ile	Glu	Arg	Leu	Met	Glu	Gly	Phe	Ala	Phe	Leu	Thr
					50				55				60		
Ser	Arg	Val	Gln	Met	Lys	Met	Asp	Ala	Glu	Phe	Pro	Arg	Phe	Ser	Gln
					65				70				75		80
Arg	Met	Leu	Glu	Met	Ile	Ala	Pro	Asn	Tyr	Leu	Ala	Pro	Thr	Pro	Ser
					85				90				95		
Met	Ala	Ile	Ala	Glu	Ile	Gln	Pro	Asp	Ser	Ser	Arg	Gly	Asp	Leu	Ser
					100				105				110		
Lys	Gly	Phe	Ile	Val	Pro	Arg	Gly	Thr	Met	Met	Asp	Ser	Leu	Ala	Leu
					115				120				125		
Lys	Lys	Thr	Gly	Val	Thr	Cys	Ser	Tyr	Thr	Thr	Ala	His	Glu	Val	Asn
					130				135				140		
Leu	Leu	Pro	Leu	Lys	Ile	Glu	Arg	Ile	Glu	Leu	Gly	Gly	Val	Pro	Ala
					145				150				155		160
Asp	Leu	Pro	Leu	Ala	Gln	Leu	Gly	Leu	Ser	Gln	Arg	Gly	Ile	Ser	Ser
					165				170				175		
Ala	Leu	Arg	Val	Arg	Ile	Ala	Cys	Asp	Gly	Pro	Gln	His	Leu	Gly	His
					180				185				190		
Leu	Asp	Phe	Asp	Arg	Leu	Glu	Phe	Phe	Leu	Ser	Gly	Pro	Asp	Ile	Glu
					195				200				205		
Ala	Leu	Lys	Leu	Leu	Glu	Leu	Val	Met	Glu	His	His	Ala	Gly	Ile	Val
					210				215				220		
Cys	Gln	Thr	Val	Ser	Lys	Gln	Pro	Gln	Arg	Gln	Leu	Leu	Ser	Ser	Asp
					225				230				235		240
Ala	Leu	Arg	Gln	Glu	Gly	Phe	Asp	Ala	Asp	Gln	Ala	Leu	Leu	Pro	Asp
					245				250				255		
Asp	Leu	Arg	Asn	Phe	Asp	Gly	Tyr	Arg	Leu	Leu	Gln	Glu	Tyr	Phe	Ala
					260				265				270		
Phe	Pro	Ala	Arg	Phe	Arg	Phe	Ile	Ser	Leu	Ser	Gly	Leu	Gly	Lys	Leu
					275				280				285		
Ile	Gln	Arg	Cys	Glu	Asp	Glu	Lys	Ala	Phe	Asp	Ile	Phe	Ile	Leu	Leu
					290				295				300		
Asp	Lys	Ser	Asp	Asp	Gln	Leu	Glu	Arg	Val	Val	Asp	Ala	Ser	His	Leu
					305				310				315		320
Ala	Leu	His	Cys	Thr	Pro	Val	Ile	Asn	Leu	Phe	Pro	Lys	Val	Ala	Ala
					325				330				335		
Arg	Gln	Lys	Leu	Ser	Glu	Ser	Gln	His	Glu	Tyr	His	Leu	Val	Val	Asp
					340				345				350		
Asn	Ile	Arg	Pro	Leu	Asp	Tyr	Glu	Ile	Tyr	Ala	Val	Lys	Lys	Ile	Tyr
					355				360				365		
Ala	Ser	Ala	Asp	Gly	Gln	Arg	Asp	Asp	Gln	Thr	Phe	Arg	Pro	Phe	Trp
					370				375				380		
Ser	Thr	Trp	Ser	Gly	Asp	Ala	Gly	Asn	Tyr	Gly	Ala	Tyr	Phe	Ser	Leu
					385				390				395		400
Arg	Arg	Glu	Gln	Arg	Val	Leu	Ser	Glu	His	Ala	Leu	Arg	Tyr	Gly	Thr
					405				410				415		
Arg	Thr	Gly	Tyr	Ile	Gly	Ser	Glu	Val	Phe	Val	Ser	Leu	Val	Asp	Ala
					420				425				430		
Gln	His	Ala	Pro	Trp	Gln	Glu	Asn	Leu	Arg	Tyr	Ile	Ser	Ala	Glu	Val
					435				440				445		

Leu Cys Thr Ser Arg Asp Leu Pro Leu Met Leu Gln Gln Glu Leu Gly  
 450 455 460  
 Gln Phe Ile Met Ala Asp Ser Met Pro Val Lys Ala Leu Thr Leu Arg  
 465 470 475 480  
 Lys Gly Pro Thr Pro Pro Arg Pro Ala Leu Ala Glu Gly Phe Ser Thr  
 485 490 495  
 Trp Arg Leu Ile Ser Gln Leu Gln Met Asn Tyr Leu Ser Leu Met Asp  
 500 505 510  
 Ser Glu Asn Glu Glu Gly Ala Ala Leu Arg Gln Leu Leu Gly Leu  
 515 520 525  
 Tyr Ala Asn Leu Ala Glu Thr Pro Val Ala Arg Gln Val Asp Gly Val  
 530 535 540  
 Arg His Cys Val Leu Glu Pro Val His Arg Arg Val Pro Glu Pro Gly  
 545 550 555 560  
 Pro Val Val Phe Ala Arg Gly Ile Gly Ile Thr Leu Thr Val Asp Glu  
 565 570 575  
 Arg Ala Phe Ser Gly Ala Ser Pro Trp Leu Phe Gly Ser Val Leu Glu  
 580 585 590  
 Arg Leu Phe Ala Arg Leu Val Ser Ile Asn Ser Phe Thr Glu Phe Thr  
 595 600 605  
 Leu Lys Ser Gln Gln Arg Gly Glu Ile Gly Tyr Trp Ala Pro Arg Met  
 610 615 620  
 Gly Lys Arg Ala Leu Val  
 625 630

&lt;210&gt; 10907

&lt;211&gt; 129

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10907

Thr Ile Leu Leu Ser Lys Lys Pro Leu Tyr Gly Lys Gln Glu Ser Met  
 1 5 10 15  
 Gly Leu Asn Lys Thr Val His Ile Leu Pro Leu Pro His Ile Lys Arg  
 20 25 30  
 Pro Val Ser Phe Asp Ser Leu Thr Phe Pro Arg Asn Asn Gly Met Asn  
 35 40 45  
 Val Lys Ser Leu Leu Cys Phe Ile Val Glu Pro Val Lys Asp Ser  
 50 55 60  
 Ile Ser Asn Leu Ala Val Phe Leu Ala Gly Trp Arg Cys Ala Tyr Pro  
 65 70 75 80  
 Ala Tyr Ile Glu Gln Arg Tyr Gln Leu Ile Ala Arg Leu Ile Val Gly  
 85 90 95  
 Pro Cys Lys Arg Ser Ala Ala Gly Arg Asn Ser Gln Asn Ala Arg Ser  
 100 105 110  
 Gln Gln Ser Asp Ala Leu Thr Arg Pro Ser Ser Ser Ala Thr Ala Val  
 115 120 125

&lt;210&gt; 10908

&lt;211&gt; 196

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10908

Cys Arg Trp Gln Gln Ser Leu Gln Arg Gln Arg Glu Arg Tyr Leu  
 1 5 10 15  
 Asp Pro Glu Leu Asn Gly Phe His Glu His Ile Phe Met Asn Asn Lys  
 20 25 30  
 Asn Phe His Arg Met Trp Phe Pro Phe Phe Ala Leu Ile Phe Ala Leu

35	40	45
Ile Gly Gly Cys Thr Ser Ser Ser His Ser Asp Pro Ser Arg Tyr Asn		
50	55	60
Leu Gln Phe Gln Ala His Pro Gln Ile Asn Asp Ser Ala Pro Leu Lys		
65	70	75
Val Arg Val Leu Leu Lys Ser Asp Ala Asp Phe Met Ser Ser Asp		80
85	90	95
Phe Tyr Ser Leu Gln Asn Asn Ala Ser Ala Thr Leu Gly Ala Asn Leu		
100	105	110
Leu Asn Ser Asp Val Phe Phe Leu Met Pro Gly Gln Leu Ser Lys Thr		
115	120	125
Leu Ser Gly Gln Ser Ser Pro Glu Ala Arg Tyr Ile Gly Val Met Ala		
130	135	140
Glu Tyr Gln Ala Leu Asp Gly Lys Lys Trp Arg Val Ser Leu Pro Leu		
145	150	155
Pro Val Pro Gly Glu Asn Ala Ile Tyr Gln Phe Trp Lys Trp Ser Ala		160
165	170	175
Asp Glu Leu Gln Ala Ser Val Phe Leu Asp Val Asn Gly Ile Arg Val		
180	185	190
Ile Ser Gln		
195		

&lt;210&gt; 10909

&lt;211&gt; 344

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10909

Ile Ser Arg Asp Leu Met Asn Ile Asp Glu Phe Leu Ala Pro Ile Ser		
1	5	10
Pro Asp Asn Pro Cys Gly Glu Asn Leu Glu Tyr Asp Ala Asp Phe Gln		15
20	25	30
Ala Met Gly Gln Ala Ser Gln Gly Lys Ala Glu Gln Gln Phe Gly Asp		
35	40	45
Thr Ile Ile Pro Ala Glu Pro Ala Asp Trp Asn Thr Val Glu Lys Leu		
50	55	60
Ala Thr Ser Leu Leu Gly Arg Thr Lys Asp Leu Arg Val Met Leu Ala		
65	70	75
Leu Thr His Ala Trp Thr Arg Arg Arg Gly Leu Ala Gly Tyr Ala Asp		80
85	90	95
Gly Leu Leu Leu Val Gln Glu Ala Leu Ser Arg Tyr Trp Glu Gln Leu		
100	105	110
Tyr Pro Leu Leu Glu Glu Tyr Gly Glu Thr Asp Pro Phe Tyr Arg Ile		
115	120	125
Asn Ala Leu Ala Gly Leu Ser Asp Lys Ser Asp Leu Thr Val Ala Val		
130	135	140
Arg Asn Ala Ser Leu Leu Arg Ser Asn Gly Asp Glu Ile Ser Leu Arg		
145	150	155
Asp Ala Gln Ala Leu Leu Asp Gly Ser Lys Thr Glu Cys Pro Asp Tyr		160
165	170	175
Pro Gly Gly Arg Pro Arg Leu Ile Asp Glu Leu Ala Arg Gly Asp Gln		
180	185	190
Pro Gly Thr Glu Ala Val Ile Val Ile Asn Glu Arg Leu Leu Ala Ile		
195	200	205
Arg Glu Leu Leu Thr Gly Tyr Leu Gly Glu Ser Gly Val Pro Glu Met		
210	215	220
Glu Gln Leu Leu Lys Thr Val Gly Leu Val Ala Ser Ala Cys Gln Val		
225	230	235
Thr Asp Ile Ser Lys Leu Leu Pro Asn Arg Asp Ala Gln Ala Glu Gln		240
245	250	255
His Ala Glu Pro Gln Pro Ala Ala Gln Pro Val Gln Pro Val Thr		

	260	265	270	
Asp	Trp	Arg Ser Val Gln Val	Thr Ser Arg Ala Asp Ala Gln Leu Met	
		275	280	285
Leu	Glu	Lys Ala Lys Gln Tyr	Phe Ala Gln Tyr Glu Pro Ser His Pro	
		290	295	300
Ala	Pro	Leu Met Ile Glu Arg Val Gln Arg	Leu Ser Glu Leu Asn Phe	
		305	310	315
Met	Asp	Ile Ile Arg Asp Leu Ala Pro Asp Gly Val Asn Gln Leu Glu		
		325	330	335
Asn	Ile	Phe Gly Arg Arg Glu		
		340		

&lt;210&gt; 10910

&lt;211&gt; 210

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10910

Asn	Ser	Ser	Thr	Gly	Ser	Arg	Pro	Leu	Pro	Val	Val	Lys	Val	Leu	Lys
1				5				10				15			
Ala	Ala	Leu	Ala	Gly	Thr	Ser	Lys	Lys	Thr	Lys	Lys	Arg	Asn	Arg	Ser
				20			25				30				
Gly	Pro	Glu	Arg	Ala	His	Phe	Ile	Leu	Tyr	Phe	Leu	Lys	Gly	Lys	Ile
		35				40				45					
Phe	Met	Arg	Pro	Ala	Phe	Gly	Ala	Ala	Trp	Asn	Arg	Phe	Arg	Glu	Val
	50				55				60						
Asn	Val	Asn	Val	Glu	Thr	Val	Gly	Lys	Leu	Leu	Gly	Gly	Lys	Val	Gln
				65		70			75			80			
His	Asn	Ile	Glu	Ala	Gly	Ile	Phe	Gln	Asn	Ala	Cys	Pro	Ile	Arg	Met
					85			90				95			
Ser	Tyr	Val	Leu	Asn	Tyr	Cys	Gly	Val	Pro	Ile	Pro	Ser	Asn	Ser	Arg
		100				105				110					
Tyr	Ala	Thr	Val	Thr	Gly	Ser	Asp	Lys	Lys	Arg	Tyr	Met	Tyr	Arg	Val
		115				120				125					
Lys	Asp	Met	Ile	Ala	Phe	Leu	Pro	Thr	Val	Leu	Gly	Asn	Ala	Asp	Met
		130			135				140						
Thr	Val	Thr	Ser	Pro	Thr	Pro	Ser	Gln	Phe	Ala	Gly	Lys	Gln	Gly	Ile
		145			150				155			160			
Ile	Ile	Phe	Ser	Gly	His	Gly	Trp	Ser	Asp	Ala	Thr	Gly	His	Val	Thr
					165			170				175			
Leu	Trp	Asn	Gly	Asn	Ile	Cys	Ser	Asp	Asp	Cys	His	Phe	Leu	Gly	Ser
				180			185				190				
Pro	Gly	Asn	Gly	Ser	Phe	Ile	Pro	Gly	Ser	Ala	Thr	Leu	Trp	Ser	Leu
		195			200					205					
Lys															
	210														

&lt;210&gt; 10911

&lt;211&gt; 185

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10911

His	Leu	Ser	Gln	Ile	Leu	Ser	Pro	Ser	Leu	His	Pro	Leu	Asn	Ile	Ala
1				5				10				15			
Thr	Glu	Lys	His	Met	Lys	Leu	Arg	Val	Leu	Leu	Ser	Leu	Leu	Phe	Val
				20			25				30				
Met	Ala	Val	Ala	Gly	Cys	Lys	Ala	Pro	Gln	Lys	Pro	Ala	Ile	Thr	Asp
				35			40				45				
Asp	Thr	Ile	Val	Thr	Ser	Gln	Val	Asn	Gly	Ile	Thr	Leu	Thr	His	Arg
		50				55				60					

His Ala Val Thr Pro Pro Ala Glu Phe Thr Gln Val Asn Glu Pro Tyr  
 65 70 75 80  
 Arg Ala Met Tyr Pro Ala Ser Leu Met Ser Arg Pro Asp Tyr Gly Gly  
 85 90 95  
 Lys Val Ile Arg Thr Leu Glu Thr Gly Lys Thr Tyr Val Val Leu Gly  
 100 105 110  
 Gln Val Glu His Phe Trp Met Ala Leu Ala Asp Glu Gly Ser Glu Gln  
 115 120 125  
 Leu Ile Gly Tyr Val Pro Met Arg Ala Val Ile Lys Ala Asp Gln Tyr  
 130 135 140  
 Glu Ala Thr Val Arg Lys Gln Ala Leu Arg Pro Lys Ala Arg Lys Lys  
 145 150 155 160  
 Thr Thr Cys Val Asp Val Asp Gly Asn Ser Lys Ala Cys Lys Asp Ser  
 165 170 175  
 Ala Asn Gly Thr Trp Ile Leu Asn  
 180 185

&lt;210&gt; 10912

&lt;211&gt; 462

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10912

Met Val Ser Gly Ser Ser Ala Ser Asn Ala Leu His Asn Arg Lys Glu  
 1 5 10 15  
 Ile Ile Met Thr Lys Ala Glu Lys Val Val Trp Thr Glu Gly Met Phe  
 20 25 30  
 Leu Arg Pro His His Phe Gln Arg Thr Glu Ser Tyr Leu Leu Asn His  
 35 40 45  
 Val Arg Glu Trp Gly Ala Leu Gln Arg Ser Tyr Leu Trp Gly Phe Leu  
 50 55 60  
 Asp Leu Glu Leu Asp Glu Ala Met Leu Arg Gln Gly Cys Ile Ala Leu  
 65 70 75 80  
 Ser Tyr Cys Ser Gly Leu Leu Pro Asp Gly Thr Phe Phe Gln Val Arg  
 85 90 95  
 Ser Asp Arg Asn Gly Pro Ala Pro Leu Lys Ile Pro Asp Asn Leu Thr  
 100 105 110  
 Asn Glu Lys Val Val Leu Ala Leu Pro Val Arg Arg Gly Gly Arg Glu  
 115 120 125  
 Glu Val Ile Phe Ser Glu Glu Gln Ser Ser Leu Ala Arg Phe Ile Thr  
 130 135 140  
 Phe Glu Gln Glu Val Glu Asp Asp Asn Ala Met Ser Val Gly Glu Ala  
 145 150 155 160  
 Thr Val Gln Phe Gly Arg Leu Arg Leu Thr Leu Met Leu Glu Lys Asp  
 165 170 175  
 Leu Thr Ala Glu Trp Thr Ala Ile Gly Val Ala Tyr Val Ala Glu Lys  
 180 185 190  
 Arg Asn Asp Asn His Val Arg Leu Asp Asn Ser Tyr Ile Pro Pro Met  
 195 200 205  
 Leu Asn Ala Asn Asn Ser Pro Gln Leu Tyr Gly Met Ile Asn Asp Leu  
 210 215 220  
 His Gly Leu Leu Val Gln Arg Ser Gln Gln Ile Gly Gly Arg Leu Arg  
 225 230 235 240  
 Gln Pro Gly Arg Phe Asn Thr Ser Glu Met Val Glu Phe Thr Leu Leu  
 245 250 255  
 Ser Leu Ile Asn Arg His Leu Gly Asp Val Ser His Leu Lys Thr Leu  
 260 265 270  
 Pro Leu Phe His Pro Glu Ala Leu Trp Arg Ser Trp Leu Pro Phe Ala  
 275 280 285  
 Thr Glu Leu Ala Thr Trp Thr Pro Gln Arg Thr Ala Glu Ser Ile Leu  
 290 295 300

Pro Val Tyr Asp His Asp His Leu Ala Val Cys Phe Ser Lys Leu Met  
 305 310 315 320  
 Leu Met Leu Arg Gln Gly Leu Phe Leu Val Met Glu Asp His Ala Ile  
 325 330 335  
 Gln Leu Pro Leu His Glu Arg Ser Pro Gly Leu Asn Ile Val Thr Glu  
 340 345 350  
 Pro Gly Asp Gln His Gly Pro Arg Ile Trp Leu Arg Ala Gly Gly Lys  
 355 360 365  
 Ser Gln Cys Pro Arg Arg Thr Pro Ala Asn Pro Phe Ser Cys Pro Asp  
 370 375 380  
 Glu Gly Cys Ala Ser Leu Glu Asn Pro Arg Ser Gly Ser Ala Ser Ala  
 385 390 395 400  
 Ala Gly His His Ala Ser Gly Asn Ala Arg Arg Ala Ala Ala Asp Pro  
 405 410 415  
 Val Ala Cys Arg Leu Gln Leu Phe Arg Thr Arg Lys Gly Gln Arg Thr  
 420 425 430  
 Val Ala Arg Asp Gly Gln Val Arg Gly Ile Arg Ala Ala Ser Arg Arg  
 435 440 445  
 Gly Ile Pro Gly Ser Arg Tyr Gly Val Leu Gly His Pro  
 450 455 460

&lt;210&gt; 10913

&lt;211&gt; 279

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10913

Ala Val Arg Pro Arg Ser Thr Ser Thr Asp Ile Arg Ser Arg Trp Ser  
 1 5 10 15  
 Leu Pro Arg Thr Ala Ser Ala Thr Arg Ser Ser Phe Pro Val Ser His  
 20 25 30  
 Ala His Asn Arg Lys Asp Ser Arg Met Thr Asn Thr Pro Ala Met Asn  
 35 40 45  
 Arg Tyr Ser Trp Tyr Gly Lys Leu Pro Ser Ala Gly Asp Phe Leu Gln  
 50 55 60  
 Arg Arg Phe Pro Asp Thr Leu Gln Arg Gln Trp Ser His Trp Phe Gln  
 65 70 75 80  
 Val Gly Leu Leu Ala Trp Gln Gln Glu Glu Gln Arg Ser Gly Glu Arg  
 85 90 95  
 Pro Phe Ser Lys Ala Pro Val Trp Asn Phe Val Val Pro Pro Met Leu  
 100 105 110  
 Gly Ser Gln Met Ile Gln Met Gly Cys Leu Leu Pro Gly Arg Asp Ser  
 115 120 125  
 Val Gly Arg His Tyr Pro Val Cys Leu Gln Leu Ser Phe Thr Pro Ala  
 130 135 140  
 Glu Trp Ser Ser Arg Leu Leu Gly Gln Ala Glu Ser Trp Tyr Gln Gln  
 145 150 155 160  
 Leu Gly Arg Leu Gly Leu His Ala Val Arg Asn Ser Tyr Ser Ala Ser  
 165 170 175  
 Gln Leu Asp Glu Met Leu Met Thr Ile Pro Ala Pro Gln Pro Val Glu  
 180 185 190  
 Pro Gln Lys Arg Ser Asp Ile Leu Asp Val Ile Gly Tyr Asp Asp Glu  
 195 200 205  
 Gly Gln Ser Thr Leu Gly Trp Pro Gln Ala Ala Glu Cys Phe Asp Pro  
 210 215 220  
 Leu Arg Gln Thr Ser Tyr Trp Trp Thr Asn Arg Cys Asp Gly Tyr Pro  
 225 230 235 240  
 Leu Tyr Thr His Val His Ser Gly Asn Phe Thr Gly Gln Leu Phe Thr  
 245 250 255  
 Leu Leu Phe Asp Pro Ala Gly Gly Ala Arg Pro Gly Arg His Gly Leu  
 260 265 270

Tyr Pro Pro Met Phe Glu  
275

&lt;210&gt; 10914

&lt;211&gt; 119

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10914

Thr	Ser	Ser	Pro	Ser	Pro	Glu	Thr	Ser	Met	Val	Arg	Glu	Phe	Gly	Phe
1									5	10					15
Val	Leu	Ala	Val	Lys	Ala	Asn	Val	Pro	Gly	Glu	His	Leu	Gln	Thr	His
									20	25					30
Phe	Pro	Ala	Gln	Met	Lys	Val	Ala	Pro	Val	Ser	Lys	Ile	Arg	Asp	Leu
									35	40					45
Val	Gln	Leu	Gln	Leu	Pro	Gly	Ile	Met	Leu	Arg	Ala	Met	Pro	Val	Ala
									50	55					60
Pro	Pro	Gln	Ile	Pro	Trp	His	Ala	Gly	Tyr	Ser	Tyr	Phe	Glu	Leu	Glu
									65	70					80
Arg	Gly	Ser	Glu	Leu	Trp	His	Glu	Met	Asp	Lys	Ser	Gly	Ala	Phe	Ala
									85	90					95
Leu	His	Leu	Ala	Gly	Glu	Phe	Pro	Gly	Leu	Asp	Met	Glu	Phe	Trp	Ala
									100	105					110
Ile	Arg	Ser	Pro	Thr	Glu										
									115						

&lt;210&gt; 10915

&lt;211&gt; 132

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10915

Trp	Phe	Val	Tyr	Ser	Trp	Gln	Arg	Tyr	Ala	Leu	Glu	Pro	Glu	Met	Arg
1									5	10					15
Arg	Leu	Leu	Ala	Phe	Val	Leu	Ala	Leu	Asn	Thr	Ser	Tyr	Thr	Ile	Ala
									20	25					30
His	Thr	Leu	Pro	Asp	Val	Asn	Thr	Phe	Ser	Gln	Gln	Gln	Ile	Phe	Glu
								35	40						45
Asn	Trp	Val	Gln	Asn	Arg	Cys	Ile	Gly	Lys	Ile	Ala	Asp	Ser	Ala	Thr
								50	55						60
Leu	Lys	Asn	Asp	Ala	Lys	Ala	Ser	Ala	Ala	Trp	Leu	Glu	Val	Ser	
									65	70					80
Asn	Leu	Pro	Ala	Glu	Asn	Phe	Glu	Lys	Ala	Asp	Glu	Val	Ile	Asn	Ser
									85	90					95
Leu	Leu	Lys	Gln	Lys	Leu	Gly	Gly	Thr	Ala	Pro	Ala	Asn	Tyr	Glu	Val
									100	105					110
Leu	Lys	Cys	Ser	Leu	Ile	Ser	His	Ser	Asp	Ala	Ile	Arg	Gln	Leu	Asn
									115	120					125
Val	Gln	Lys													
									130						

&lt;210&gt; 10916

&lt;211&gt; 329

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10916

Thr	Phe	Cys	Lys	Ser	Tyr	Thr	Leu	Lys	Ile	Gln	Gly	Val	Tyr	Met	Ala
1									5	10					15
Ser	Pro	Ser	Asn	Val	Ala	Pro	Gly	Tyr	Cys	Val	Val	Gln	Gln	Pro	Gly
									20	25					30

Thr Leu Asp Phe Gln Ala Arg Gln Leu Phe Gly Thr Ala Arg Asn Glu  
 35 40 45  
 Lys Ser Glu Tyr Phe Met Gln Leu Asn Lys Asp Thr Ala Trp Leu Lys  
 50 55 60  
 Pro Gly Gln Ile Leu Ile Val Ala Asp Pro Leu Gly Asp Asn Gln Thr  
 65 70 75 80  
 Gln Gln Ile Asn Ser Leu Ala Ile Ala Lys Lys Lys Val Thr Asn Ala  
 85 90 95  
 Leu Ala Thr Leu Asp Gly Ala Thr Ala Glu Phe Leu Lys Asn Asn Tyr  
 100 105 110  
 Asp Asn Ile Lys Ala Ile Thr Gly Trp Gly Asp Thr Ile Val Gly Gly  
 115 120 125  
 Val Ser Gly Thr Gly Glu Ser Tyr Phe Lys Gln Ile Glu Asn Ile Leu  
 130 135 140  
 Ile Lys Ile Glu Ala Thr Tyr Gln Asn Gln Tyr Arg Thr Gln Gly Ala  
 145 150 155 160  
 Leu Phe Gly Gln Gln Phe Tyr Ala Glu Arg Asn Ala Leu Phe Ala Gln  
 165 170 175  
 Leu Lys Pro Leu Leu Asn Lys Ile Thr Lys Lys Gln Leu Lys Phe Lys  
 180 185 190  
 Asp Tyr Ala Asp Leu Lys Arg Ala Leu Gly Leu Ser Thr Lys Ser Ile  
 195 200 205  
 Val His Glu Trp Ser Thr Val Gly Ile Gly Ala Ile Pro Gly Tyr Ser  
 210 215 220  
 Thr Tyr Ile Asp Arg Ala Ala Arg Ile Ser Ser Tyr Leu Lys Ala Gly  
 225 230 235 240  
 Gly Trp Val Ala Leu Gly Phe Ser Phe Met Asn Thr Ser Asn Glu Val  
 245 250 255  
 Tyr His Ala Cys Thr Thr Gly Arg Glu His Glu Cys Ser Arg Val Ala  
 260 265 270  
 Val Thr Glu Tyr Ser Lys Phe Gly Gly Val Ala Gly Ala Ala Leu  
 275 280 285  
 Gly Ser Ser Leu Ala Ala Pro Val Cys Leu Ala Leu Gly Val Pro Thr  
 290 295 300  
 Ala Gly Thr Gly Thr Phe Met Val Trp Ser Ser Gly Arg Thr Val Gly  
 305 310 315 320  
 Ala Gly Gly Lys Thr Lys Ile Val Gly  
 325

&lt;210&gt; 10917

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10917

Gln Ala Leu Thr Gln Leu Asn Glu Val Arg Asn Gln Arg Leu Ser Ile  
 1 5 10 15  
 Ile Tyr Cys His Val Tyr Ala Leu Ser Leu Asp Glu Gly Asp Asp Ser  
 20 25 30  
 Glu Thr Gly Ala Ala Gly Phe Thr Ser Ala Val Leu Thr Thr Gly Ser  
 35 40 45  
 Ser Gly Gly Thr Cys Phe Phe Thr Ser Gly Ser Cys Gly Asp Cys Ser  
 50 55 60  
 Gly Glu Ala Ala  
 65

&lt;210&gt; 10918

&lt;211&gt; 100

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10918

Arg	Pro	Gly	Gly	Asp	Phe	Pro	Val	Gln	Gly	Gly	Asp	Leu	Leu	Gly	Lys
1				5					10						15
Met	Leu	Arg	Lys	Pro	Arg	Asp	Leu	Phe	Leu	Leu	Phe	Thr	Leu	Asn	Arg
				20				25							30
Val	Ala	Lys	Leu	Val	Glu	Val	Gly	Leu	Arg	Phe	Ser	Lys	Val	Ile	Leu
				35			40								45
Asn	Asp	Gly	Ala	Ala	Gly	Ala	Glu	Glu	Leu	Pro	Val	Lys	Ala	Arg	Phe
				50			55								60
Gln	Arg	Gly	Val	Ala	His	Gln	Arg	Cys	Gly	Leu	Arg	Pro	Gln	Arg	Asp
				65			70			75					80
Gln	Leu	Ile	Leu	Gln	Pro	Leu	Lys	Lys	Gln	Cys	Cys	Phe	Gln	Gly	Ala
				85					90						95
Leu	Gln	Trp													
			100												

&lt;210&gt; 10919

&lt;211&gt; 86

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10919

Cys	His	Lys	Ala	Phe	Leu	Ser	Leu	Pro	Ser	Ala	Asn	Leu	Ser	Lys	Ser
1				5				10							15
Ala	Phe	Phe	His	Ala	Tyr	Cys	Leu	Phe	Ile	Val	Phe	Ser	Thr	Ile	Ile
				20			25								30
His	Lys	His	Lys	Arg	Lys	Asn	Cys	His	Lys	Leu	Leu	Ile	Gly	Phe	Leu
				35			40								45
Val	Phe	Ala	Pro	Lys	Met	Asp	His	Pro	Ser	Gln	Lys	Glu	Thr	Glu	Cys
				50			55								60
Thr	Thr	Pro	His	Arg	Leu	Ser	Pro	Pro	Leu	Leu	Val	Asp	Leu	Cys	Ser
				65			70			75					80
Leu	Leu	Phe	Ser	Ala											
			85												

&lt;210&gt; 10920

&lt;211&gt; 73

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10920

Arg	Pro	Trp	Arg	Leu	Ser	Ser	Gly	Val	Met	Pro	Leu	Val	Ile	Ser	Ser
1				5				10							15
Gly	Ala	Gly	Ser	Gly	Ala	Gln	Asn	Ala	Val	Ser	Thr	Gly	Val	Met	Gly
				20				25							30
Gly	Met	Val	Thr	Ala	Thr	Val	Leu	Ala	Ile	Phe	Phe	Val	Pro	Val	Phe
				35			40								45
Phe	Val	Val	Val	Arg	Arg	Arg	Phe	Ser	Arg	Lys	Asn	Glu	Asp	Val	Glu
				50			55								60
His	Asn	His	Ser	Val	Glu	His	His								
				65			70								

&lt;210&gt; 10921

&lt;211&gt; 64

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10921

Pro	Pro	Glu	Ala	Gly	Val	Leu	Phe	Cys	His	Ser	Arg	Asn	Leu	Ala	Arg
1					5				10						15
Glu	Arg	Ser	Asn	Pro	Leu	Cys	Ala	Thr	Leu	Asn	Ile	Leu	Thr	Arg	Tyr

20	25	30
Trp Phe Phe Ile Gln Cys Phe	Leu Leu Ala Ile Leu Ala Thr Thr Ser	
35	40	45
Lys Ile Thr His Leu Pro Leu	Ile Leu Ser Ser Gly Arg Arg Pro	
50	55	60

&lt;210&gt; 10922

&lt;211&gt; 346

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10922

Cys Gln Glu Phe Pro Trp Lys Gly Leu	Leu Leu Leu Ser Gly Val Arg		
1	5	10	15
Asn Ile Ala Leu Thr Ile Leu Ser Cys	Gly Leu Ile Met Lys Lys Pro		
20	25	30	
Ala Phe Ile Ile Thr Ile Asp Thr	Glu Gly Asp Asn Leu Trp Gln Asn		
35	40	45	
His Arg Met Ile Lys Thr Glu Asn Ala Arg Tyr	Leu Ala Arg Phe Gln		
50	55	60	
Ala Leu Cys Glu Arg Phe Gly Phe Lys	Pro Val Trp Leu Thr Asn Tyr		
65	70	75	80
Glu Met Ala Val Glu Pro Val Phe Ile	Glu Phe Ala Lys Glu Val Ile		
85	90	95	
Ala Arg Gly Gln Gly Glu Val Gly Met	His Leu His Ala Trp Asn Ser		
100	105	110	
Pro Pro Glu His Asp Leu Thr Gly Asp	Asp Trp Arg Trp Gln Pro Tyr		
115	120	125	
Leu Ile Glu Phe Ser Asp Glu Val Met	Arg Glu Lys Val Leu Phe Met		
130	135	140	
Thr Arg Leu Leu Glu Glu	Thr Phe Gln Thr Lys Met Leu Ser His Arg		
145	150	155	160
Ala Gly Arg Trp Ala Phe Asp Ser Arg	Tyr Ala Arg Leu Leu Ile Glu		
165	170	175	
Leu Gly Tyr Gln Val Asp Cys Ser Val	Thr Pro Arg Val Asn Trp Arg		
180	185	190	
Asn Ala Lys Gly Ala Pro Gln Gly Asn	Gly Thr Asn Tyr Gln His		
195	200	205	
Phe Pro Asp Arg Ala Tyr Phe Leu Asp	Val Asp Asp Ile Ser Arg Pro		
210	215	220	
Gly Asn Ser Pro Leu Leu Glu Val Pro	Met Ser Ile Gln Tyr Lys His		
225	230	235	240
Pro Ala Trp Leu Asn Ser Leu Lys Gln	Gly Tyr Asp Arg Leu Arg Gly		
245	250	255	
Lys Tyr Arg Ser Pro Ser Val Asn	Trp Leu Arg Pro Ser Gly Gly Asn		
260	265	270	
Ala Gln Glu Met Ile Lys Val Ala	Gln Gln Cys Leu Ala Gln Gly Asn		
275	280	285	
Asp Tyr Val Glu Phe Met Leu His Ser	Ser Glu Phe Met Pro Gly Gly		
290	295	300	
Ser Pro Thr Phe Lys Asp Gln Ala Ala	Ile Glu Gly Leu Tyr Gln Asp		
305	310	315	320
Leu Glu Gln Leu Phe Thr Trp Leu Ser	Asp Lys Thr Val Gly Met Thr		
325	330	335	
Leu Ala Glu Phe Tyr Gln Tyr Lys			
340	345		

&lt;210&gt; 10923

&lt;211&gt; 109

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10923

Thr	Thr	Leu	Pro	His	Val	Arg	Ser	Arg	Gly	Arg	Cys	Leu	Thr	Val	Cys
1					5				10						15
Lys	Asn	His	His	Ala	Leu	Gln	Phe	Ser	Arg	Leu	Gly	Lys	Phe	Trp	His
					20				25						30
Ile	Leu	Pro	Lys	Pro	Ile	Val	His	Asp	Glu	Met	Thr	Gln	Tyr	Leu	Phe
					35				40						45
Ser	Phe	Leu	Gln	His	Lys	Ser	Arg	Val	Pro	Leu	Leu	His	Ile	Gly	Glu
					50				55						60
Trp	Leu	Lys	Pro	Glu	His	Cys	Asp	Asp	Met	Ile	Lys	Arg	Leu	Ala	Phe
					65				70						80
Gly	Ile	Phe	Pro	Asp	Ser	Tyr	Phe	Lys	Gly	Tyr	Ser	Tyr	Asp	His	Arg
					85				90						95
Tyr	Trp	Arg	Arg	Gly	Leu	Tyr	Arg	Gln	Gln	Tyr	Cys				
					100				105						

&lt;210&gt; 10924

&lt;211&gt; 310

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10924

Pro	Asn	Glu	Lys	Asn	Met	Phe	Lys	Phe	Leu	Asn	Ala	Arg	Tyr	Arg	His
1					5				10						15
Ile	Thr	Gly	Arg	His	Asn	Ile	Pro	Tyr	Ala	Ser	Leu	Pro	Val	Thr	Arg
					20				25						30
Asp	Leu	Val	Ala	Val	Asp	Ser	Ile	Val	Ile	Pro	Cys	Thr	Gly	Ala	Asp
					35				40						45
Phe	Val	Glu	Glu	Ala	Leu	Leu	Ser	Ala	Thr	Phe	Ala	Glu	Arg	Tyr	Ala
					50				55						60
Thr	Asp	Val	Ser	Glu	Ile	Val	Ile	Val	Ser	Asp	Gln	Pro	Glu	Ser	Ala
					65				70						80
Phe	Gly	Glu	Leu	Pro	Leu	Lys	Thr	Arg	Val	Val	Thr	Leu	Thr	Leu	Pro
					85				90						95
Lys	Arg	Glu	Glu	Gly	Tyr	Arg	Tyr	Lys	Gln	Ile	Tyr	Leu	Ser	Arg	Leu
					100				105						110
Val	Lys	Leu	Asn	Ala	Pro	Leu	Gln	Ala	Arg	Gly	Glu	Gly	Val	Leu	Met
					115				120						125
Ile	Asp	Ser	Asp	Leu	Asn	Leu	Leu	Lys	Met	Pro	Glu	Ile	Asn	Met	Ala
					130				135						140
Asp	Met	His	Ile	Tyr	Ser	Ser	Phe	Arg	Gln	Gly	Lys	Met	Ile	Ala	Lys
					145				150						160
Leu	Asp	Gly	Ala	Pro	Ala	Glu	Lys	Val	Pro	Ala	Tyr	Tyr	Lys	Glu	Thr
					165				170						175
Val	Arg	Pro	Tyr	Leu	Val	Asp	His	Val	Asn	Gly	Ala	Phe	Leu	Ala	Ala
					180				185						190
Thr	Lys	Lys	Thr	Trp	Arg	Arg	Ile	Cys	Pro	Leu	Trp	Leu	Thr	Leu	Phe
					195				200						205
Gln	Asp	Thr	Trp	Glu	Leu	Met	Asp	Asp	Thr	Gln	Pro	Pro	Thr	Asp	Gln
					210				215						220
Leu	Pro	Leu	Ala	Ala	Leu	Leu	Asp	Met	Leu	Asp	Val	Lys	Thr	Val	Asn
					225				230						240
Leu	Gly	Asp	Trp	Met	Asn	Trp	Pro	Val	Ser	Lys	Lys	Ile	Gly	Gly	Gln
					245				250						255
Glu	Ala	Val	Val	Pro	Lys	Glu	Val	Ile	Gly	Ala	His	Gly	Gly	Phe	Pro
					260				265						270
Leu	Ser	Glu	Trp	Gln	Lys	Tyr	Leu	Glu	Ser	Pro	Asp	Asn	Lys	Leu	Leu
					275				280						285
Phe	Lys	Gly	Gln	Asp	Tyr	Thr	Arg	Lys	Val	Arg	Tyr	Leu	Thr	Asp	Glu
					290				295						300

Glu Lys Lys Asn Gln  
305 310

<210> 10925  
<211> 82  
<212> PRT  
<213> Enterobacter cloacae

<400> 10925  
Phe Arg His Gly Ser Ser Val Glu Met Gln Asn Ala Lys Asn Pro Ala  
1 5 10 15  
Val Ala Gly Phe Phe Asn Thr Arg Arg Leu Lys Leu Phe Asp Phe Ser  
20 25 30  
Phe Phe Val Gln Tyr Val Leu Ala Tyr Asn Trp Ile Glu Phe Phe Gln  
35 40 45  
Phe Gln Phe Phe Arg Leu Ser Thr Phe Val Leu Arg Gly Gly Val Glu  
50 55 60  
Val Thr Cys Thr Ser Arg Arg Asn Gln Leu Asp Phe Leu Arg Glu Tyr  
65 70 75 80  
Leu

<210> 10926  
<211> 65  
<212> PRT  
<213> Enterobacter cloacae

<400> 10926  
Trp Tyr Val Ala Lys Val Thr Met Ser Gly Ile Asn Val Tyr Gly Glu  
1 5 10 15  
Arg Trp Ser Gln Asn Ile Ser Thr Leu Ser Pro Arg Arg Arg Asn Ala  
20 25 30  
Thr Cys Tyr Arg Tyr Thr Asn Leu Ile Ser Pro Glu Cys Cys Ile Lys  
35 40 45  
Ile Ala Gln Tyr Glu Val Phe Ile Tyr Asp Ala Pro Leu Ile Thr Asp  
50 55 60

65

<210> 10927  
<211> 61  
<212> PRT  
<213> Enterobacter cloacae

<400> 10927  
Pro Val Ser Ser Ala Met Ala Ser Cys Val Glu Ser Ile Ala Asp Leu  
1 5 10 15  
Asn Ile Asn Ala Pro Ala Gly Leu Ala Ser Gln Ser Gly Ala Asp Asn  
20 25 30  
Thr Val Arg Met Cys Gln His His Gly His Thr Tyr Phe Ser Tyr Gly  
35 40 45  
Ala Ala Gly Arg Val Asn Ala Ser Ala Leu Pro Gly  
50 55 60

<210> 10928  
<211> 61  
<212> PRT  
<213> Enterobacter cloacae

<400> 10928  
Leu Val Gly Leu Ile Thr Arg Arg Ser Ser Val Gln Ile Arg Pro Pro

1	5	10	15												
Gln	Pro	Thr	Leu	Leu	Lys	Thr	Ile	Asn	Thr	Leu	Lys	Gly	Val	Phe	Leu
			20			25									30
Tyr	Leu	Ala	Phe	Val	Lys	Met	Pro	Gly	Met	Ile	Pro	Gly	Leu	Met	Pro
			35			40								45	
Tyr	Pro	Arg	Arg	Ala	Ser	Val	Ser	Pro	Ser	Glu	Lys				
			50			55								60	

&lt;210&gt; 10929

&lt;211&gt; 86

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10929

1	5	10	15												
Asn	Cys	Ser	Asp	Arg	His	Val	Arg	Asp	Lys	Ala	Glu	Glu	Lys	Gly	Thr
Thr	Lys	Asn	Asn	Gln	Asp	Ile	Gly	Leu	Pro	Gly	Lys	Trp	Cys	Thr	Gly
						20		25						30	
Leu	Ser	Glu	Ser	Thr	Leu	Arg	Glu	Gly	Arg	Leu	Ser	Met	Met	His	His
						35		40						45	
Arg	Gln	Pro	Ala	Leu	Ile	Met	Val	Met	Tyr	His	Trp	Val	Thr	Arg	Gln
						50		55						60	
Thr	Ser	Asn	Ala	Ser	Asn	Ile	Lys	Leu	Phe	Phe	Lys	Lys	Arg	Gln	Glu
						65		70			75				80
Arg	Ser	Leu	Thr	Phe											
						85									

&lt;210&gt; 10930

&lt;211&gt; 160

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10930

1	5	10	15												
Phe	Met	Lys	His	Leu	Lys	Met	Ile	Ala	Ala	Met	Leu	Leu	Leu	Thr	Pro
Leu	Thr	Ser	Phe	Ser	Gln	Glu	Thr	Asp	Ser	Val	Glu	Ala	Leu	Asn	Lys
							20		25					30	
Tyr	Ser	Thr	Ala	Leu	Thr	Glu	Leu	Phe	Met	Lys	Glu	Leu	Gln	Lys	Ser
							35		40					45	
Gln	Gln	Ala	Lys	Asn	Pro	Gly	Gly	Met	Asp	Leu	Val	Ala	Ala	Asn	Asp
							50		55					60	
Ala	Val	Ala	Ser	Ala	Leu	Ser	Lys	Phe	Phe	Ile	Phe	Lys	Pro	Ala	
							65		70		75			80	
Asp	Glu	Thr	Ser	Ile	Lys	Thr	Ser	Ala	Glu	Lys	Leu	Lys	Ala	Leu	Lys
							85		90					95	
Asp	Asp	Thr	Glu	Ala	Leu	Glu	Lys	Gly	Tyr	Thr	Ile	Ile	Gln	Pro	Asp
							100		105					110	
Asn	Ile	Gly	Ser	Asn	Asn	Ile	Ser	Tyr	Lys	Val	Thr	Thr	Gly	Ser	Arg
							115		120					125	
Ile	Cys	Phe	Val	Gln	Val	Thr	Arg	Ser	Lys	Ser	Ser	Ser	Asn	Thr	Arg
							130		135					140	
Thr	Val	Ala	Val	Asp	Ser	Ile	Asp	Cys	Thr	Gly	Pro	Glu	Gln	Lys	
							145		150					160	

&lt;210&gt; 10931

&lt;211&gt; 140

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;UNSURE

&lt;222&gt;(13)

<220>  
<221>UNSURE  
<222>(15)

<220>  
<221>UNSURE  
<222>(36)

&lt;400&gt; 10931

Arg Lys Ile Ile Gly Tyr Phe Ser Asn His Cys Ser Xaa Arg Xaa Gly  
1               5               10               15  
Trp Tyr Ala Tyr Gly Phe Ile Asn Thr Arg Glu Leu Ser Ala Leu Arg  
20              25              30  
Lys Glu Met Xaa Leu Tyr Val Asp Arg Met Glu Ala Ala Glu Leu Asp  
35              40              45  
Leu His Ala Ile Arg Ser Val Ala Glu His Arg Leu His Gly Ala Gly  
50              55              60  
Lys Gln Phe Ala Asp Leu Tyr Ser Arg Ile Asp Gly Ala Thr Val Thr  
65              70              75              80  
Leu Thr Pro Glu Asp Gln Leu Leu Leu Ala Thr Met Pro Phe Asn Ile  
85              90              95  
Gln Asp Val Glu Asp Ile Val Asn Glu Arg Gly Pro Lys Thr Ile Ser  
100            105            110  
Gly Arg Pro Phe Trp Glu Val Glu Pro Gly Pro His Asn Tyr Glu Tyr  
115            120            125  
Gly Pro Gln Tyr Pro Tyr Phe Pro Asp Gln Arg  
130            135            140

&lt;210&gt; 10932

<211> 129  
<212> PRT  
<213> Enterobacter cloacae

&lt;400&gt; 10932

Met Ser Cys Tyr Gly Asp Lys Met Phe Arg His Asn Thr Glu Arg Glu  
1               5               10               15  
Trp Leu Ile His His Leu Gln Glu Leu Tyr Met Arg Lys Phe Lys Tyr  
20              25              30  
Ile Ile Cys His Gln Cys Glu Gly His Gly Thr Met Glu Asn Pro Ala  
35              40              45  
Phe Glu Asn Gly Phe Thr Gln Ser Glu Met Ala Glu Trp Glu Pro Glu  
50              55              60  
Met Arg Glu Lys Tyr Phe Ala Gly Ala Phe Asp Val Arg Cys Asp Val  
65              70              75              80  
Cys Ala Gly Asp Gly Lys Leu Ser Val Pro Asn Val Ala Ala Met Ser  
85              90              95  
Phe Ser Glu Arg Arg Val Leu Ala Ala Arg Arg Arg Asp Glu Arg Leu  
100            105            110  
Gln Ala Ala Asp Glu Arg Leu Ser Arg Gln Glu Arg Ala Met Gly Tyr  
115            120            125

&lt;210&gt; 10933

<211> 291  
<212> PRT  
<213> Enterobacter cloacae

&lt;400&gt; 10933

Gly Ala Thr Ala Lys Met Lys Met Thr Lys Pro Lys Pro Val Ser Arg  
 1 5 10 15  
 Met Lys Arg Pro Phe Ile Ser Glu Leu Ala Glu Leu Gly Leu Ser Gly  
 20 25 30  
 Glu Ile Leu Ser Ile Arg Thr Asp Gly Met Gln Gly Thr Leu Ile Pro  
 35 40 45  
 Asp Leu Thr Ala Gly Val Ser Glu Ala Gly Arg Val Lys Thr Gly Asn  
 50 55 60  
 Trp Val Ile Ser Asp Lys Arg Thr Phe Asp His Val Val Leu Cys Val  
 65 70 75 80  
 Glu Arg Gln Asp Glu Asn His Asp Val Phe Val Gly Lys Phe Ile Gln  
 85 90 95  
 Leu His Val Ala Ala Asn Lys Ser Leu Lys Ile Val Glu Met Gly Asp  
 100 105 110  
 Val Lys Leu Val Ala Ile Thr Ser Ser Ile Pro Thr Thr Phe Asn Gly  
 115 120 125  
 Gly Ile Arg Arg Phe Lys Gly Val Thr Tyr Val Ser Leu Ser Gln Thr  
 130 135 140  
 Ala Gln Thr Thr Ile Asp Phe Pro Lys Arg Ile Tyr Lys Glu Gly Gln  
 145 150 155 160  
 Glu Cys Thr Ser Val Thr Ser Pro Asp Gln Gly Pro Phe Ala Arg Asp  
 165 170 175  
 Val Arg Leu Asn Cys Tyr Gly Arg Cys Val Val Thr Gly Val Arg Ser  
 180 185 190  
 Pro Trp Arg Thr Glu Ala Ala His Leu Thr Pro Arg His Glu Glu Gly  
 195 200 205  
 Ile Pro Asp Val Thr Asn Gly Ile Leu Leu Arg Arg Asp Ile His Thr  
 210 215 220  
 Leu Phe Asp Asn Asp His Cys Ala Ile Asn Pro Asp Thr Met Lys Ile  
 225 230 235 240  
 Tyr Phe Ser Arg Glu Ala Arg Glu Leu Asp Asp Asp Leu Leu Lys Trp  
 245 250 255  
 His Gly Asp Glu Ile Glu Thr Thr Arg Met Gln Val Pro Val Asn Ile  
 260 265 270  
 Glu Asn Leu Arg Ile Arg Trp Gln Lys Phe Lys Ala Lys Asp Arg Gln  
 275 280 285  
 Arg Lys  
 290

&lt;210&gt; 10934

&lt;211&gt; 167

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10934

Tyr Cys Arg Ala Phe Val His Trp Lys Ser Tyr Arg Glu Ala His Met  
 1 5 10 15  
 Asp Arg Ile Lys Tyr Leu Lys Trp Ile Ala Glu Glu Ser Pro Ser Thr  
 20 25 30  
 Ala Gln Gln Leu Val Ala Trp Leu Asn Arg Ala Arg His Tyr Thr Pro  
 35 40 45  
 Asp Met Lys Glu His Gln Ala Gly Val Gln Ile Gln Glu Lys Gly Ile  
 50 55 60  
 Val Val Gly Leu Arg Gln Ser Thr Asn Arg Tyr His Gly Asp Cys Leu  
 65 70 75 80  
 Thr Ile His Val Val Arg Leu Pro Glu Glu Ile Gln Asn Lys Gly Trp  
 85 90 95  
 Phe Lys Ser Phe Leu Lys Leu Cys Cys Glu Ser Asn Pro Trp Cys Asp  
 100 105 110  
 Val Val Ile Glu Asp Val Lys Asn Pro Tyr Leu Leu Ser Phe Cys Lys  
 115 120 125

Lys	Leu	Asn	Phe	Thr	Val	Leu	Asp	Glu	Phe	Tyr	Pro	Asn	Thr	Tyr	Ile
130					135						140				
Val	Asn	Thr	Asp	Ala	Ile	Met	Ser	Leu	Pro	Ile	Pro	Pro	Leu	Gly	Arg
145					150					155					160
Tyr	Glu	Thr	Tyr	Leu	Tyr										
					165										

&lt;210&gt; 10935

&lt;211&gt; 91

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10935

Trp	Val	Gln	Lys	Arg	Gln	Leu	Leu	Ala	Leu	Gly	Val	Ser	Tyr	Pro	Pro
1			5						10					15	
Lys	Ser	Gly	Trp	Ile	Glu	Arg	Leu	Ile	Gly	Thr	Glu	Val	Ser	Asp	Glu
	20							25						30	
Gln	Tyr	Glu	Arg	Phe	Leu	Gly	His	Ser	Thr	Ser	Lys	Gln	Ala	Glu	Gln
	35						40				45				
Ile	Leu	Arg	Gly	Glu	Gln	Pro	Ala	Lys	Gly	Leu	Gln	Tyr	Ala	Lys	Arg
	50						55				60				
Ala	Lys	Lys	Leu	Ala	Ser	Glu	Arg	Lys	Ala	Thr	Ile	Asp	Leu	Asp	Asn
	65					70				75				80	
Glu	His	Leu	Ser	Glu	Ile	Glu	Lys	Tyr	Arg						
					85				90						

&lt;210&gt; 10936

&lt;211&gt; 148

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10936

Lys	Pro	Glu	Ala	Val	Ile	Thr	Gln	Thr	Gly	Pro	Tyr	Ser	Val	Arg	Ile
1				5				10						15	
Val	Met	Asp	Asp	Lys	Glu	Gln	Phe	Thr	Asn	Leu	Val	Ala	Lys	His	Ala
	20						25						30		
Ser	Gly	Leu	Thr	Glu	Glu	Gln	Leu	Ala	Gly	Tyr	Asp	Ala	Cys	Ser	Leu
	35						40				45				
Asp	Gly	Glu	Cys	Val	Thr	Pro	Ser	Tyr	Glu	Val	Phe	Arg	Gly	Tyr	Arg
	50					55				60					
Thr	Arg	His	Thr	Leu	Asp	Glu	Phe	Leu	Glu	Met	Ala	Ile	Ser	Leu	Asn
	65				70				75				80		
Ala	Ile	His	Pro	Asp	Glu	Tyr	Leu	Thr	Asp	Met	Leu	Leu	Lys	Pro	His
							85			90			95		
Glu	Val	Ile	Gly	Ala	Leu	Ala	Asp	Glu	Gly	Asp	Gln	Leu	Asn	Asn	Ala
					100			105				110			
Thr	Pro	Val	Tyr	Phe	Phe	Pro	Asp	Thr	Gly	Val	Tyr	Ala	Ala	Ala	Val
					115			120			125				
Ser	Glu	Thr	Arg	Val	Leu	Asp	Ala	Trp	Leu	Cys	Trp	Pro	Cys	Tyr	Pro
	130					135					140				

Ala Asn Trp

145

&lt;210&gt; 10937

&lt;211&gt; 136

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10937

Leu	Phe	Cys	Ala	Leu	Leu	Ala	Gly	Gly	Ile	Val	Leu	Ala	Cys	Leu	Asn
1					5					10				15	

Ile Thr Gln Glu Gly Asn Leu Met Ala Thr Glu Ile Glu Val Met Thr  
 20 25 30  
 Val Ala Glu Leu His Ala Gln Leu Gln Gln Leu Val Asp Glu Gly His  
 35 40 45  
 Gly Asp Ile Pro Val Cys Ala Ser Asp Leu Arg Ala Arg Tyr Pro Phe  
 50 55 60  
 Lys Ala Tyr Thr Val Leu Ser Thr Ala Gly Tyr Thr Glu Ala Leu Leu  
 65 70 75 80  
 Ile Asn Val Trp Pro Asp Ala His Phe Thr Arg Lys Glu Pro Leu Pro  
 85 90 95  
 Thr Asn Trp Gly Lys Asn Arg Val Ala Glu Trp Asn Ser Asp Ala Asp  
 100 105 110  
 Ala Val Arg Gln Ser Cys Gly Ala Phe Ala Asp Asn Pro Gln Ser Arg  
 115 120 125  
 Gln Met Thr Gly Asp Asn Leu  
 130 135

&lt;210&gt; 10938

&lt;211&gt; 191

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10938

Val Met Ile Ser Ser Ser Leu Leu Trp Cys Ser Phe Ser Pro Ile Thr  
 1 5 10 15  
 Gln Gln Val Met Asn Thr Arg Pro Val Met Asp Ala Thr Glu Thr Glu  
 20 25 30  
 Glu Leu Glu Lys Ile Arg Lys Lys Ala Met Asp Glu Val Thr Ser Ala  
 35 40 45  
 Leu Gln Ala Leu Glu Asn Lys Phe Pro Gly Ile Thr Glu Gly Ala Ala  
 50 55 60  
 Ala Leu Ala Gly Ser Gly Val Gly Ala Ala Ala Ser Phe Gly Ala Leu  
 65 70 75 80  
 Tyr Thr Leu Gly Thr Thr Gly Val Ser Ala Ala Gly Ile Thr Ser Gly  
 85 90 95  
 Leu Ala Thr Ala Gly Ser Ile Val Gly Gly Met Val Ala Gly Ile  
 100 105 110  
 Ala Val Leu Ala Ala Pro Val Ala Val Leu Gly Ile Gly Gly Tyr Ala  
 115 120 125  
 Val Val Lys His Arg Lys Asn Ala Lys Leu Thr Ala Ala Leu Ser Gln  
 130 135 140  
 Ala Ile Gln Lys Leu Tyr Glu Val Gln Glu Arg Leu Met Ser Asn Ala  
 145 150 155 160  
 Glu Tyr Phe Lys Ala Glu Ile Ala Gly Ile Lys Ala Thr Ile Asp Met  
 165 170 175  
 Leu Thr Lys Lys Ala Pro Lys Gly Ser Leu Val Ala Val Arg  
 180 185 190

&lt;210&gt; 10939

&lt;211&gt; 151

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10939

Arg Ala Lys Lys Asp Gly Phe Asn Tyr Met Asn Lys Thr Ala Leu Val  
 1 5 10 15  
 Met Ile Leu Gly Ile Leu Gly Cys Gly Lys Ala Phe Ala Ala Thr Glu  
 20 25 30  
 Leu Gln Leu Gln Gln Lys Arg Val Met His Phe Cys Ala Asn Ala Ser  
 35 40 45  
 Leu Pro Leu Leu Ile Ala Gly Thr Thr Tyr Ala Asn Thr Ser Asp Asn

50	55	60
Gly Arg Pro Glu Lys Glu Arg Val Ala Ile Leu Lys Asn Ala Val Val		
65	70	75
Ser Ser Thr Ala Tyr Ser Met Ala Ser Pro Gly Val Gln Arg Ala Met		80
85	90	95
Met Ser Val Val Glu Asp Ile Ala Asp Pro Lys Glu Leu Ala Leu His		
100	105	110
Gln Lys Glu Val Arg Arg Leu Gly Ala Ser Tyr Leu Ser Asp Ser Gly		
115	120	125
Val Thr Trp Ala Ser Lys Thr Val Ser Pro Phe Thr Ala Trp Cys Asn		
130	135	140
Phe Asn Arg Phe Glu Ser		
145	150	

&lt;210&gt; 10940

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 10940		
Met Gln Thr Gln Lys Glu Ile Thr Val Gly Gln Ile Trp Glu Glu Val		
1	5	10
Asp Pro Arg Leu Ile Arg Lys Val Arg Val Val Glu Val Ala Ser Leu		15
20	25	30
Glu Gly Pro Lys Gly Ile Leu Ile Glu Asn Val Glu Ser Gly Arg Lys		
35	40	45
Asn Trp Ala Ser Ser Ser Arg Phe Asn Gly Lys Arg Gly Gly Tyr Arg		
50	55	60
Leu Ile Ser		
65		

&lt;210&gt; 10941

&lt;211&gt; 154

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 10941		
Ala Thr Ala Ser Cys Ala Phe Thr Thr Thr Thr Ala Arg Lys Leu		
1	5	10
Pro Val Ser Ile Cys Leu Lys Met Pro Gln Pro Lys Pro Leu Trp Ser		15
20	25	30
Ser Val Asn Cys Ile Val Met Ala Leu Ser Gly Ser Leu Lys Leu Ser		
35	40	45
Val Arg Ala Leu Pro Val Ala Trp Arg Leu Leu Pro Pro Ser Thr Ala		
50	55	60
Leu Thr Ser Lys Ile Thr Leu Asn His Thr Pro Ala Met Pro Gly Phe		
65	70	75
Phe Leu Val Ala Ile Arg Tyr Gln Glu Gly Gly Gln Lys Gly Phe		80
85	90	95
Gly Asn Leu Arg Lys Gln Arg Asp Val Asn Ser Asp Val Ser Leu Leu		
100	105	110
Lys Ala Gly Asn Gly Phe Phe Ser Gly Cys Trp Leu Lys Pro Val Phe		
115	120	125
Arg Ala Leu Tyr Gln Gln His Ala Pro Leu Ile Tyr Val Thr Phe Ala		
130	135	140
Thr Tyr Glu Gly Thr Gly Ser Gly Arg		
145	150	

&lt;210&gt; 10942

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10942

Thr	Ser	Leu	Phe	Glu	Pro	Gly	Tyr	Ser	Asp	Pro	Phe	Pro	Gly	Pro	Phe
1				5					10						15
Ile	Lys	Leu	Ser	Leu	Ala	Ile	Pro	Ile	Thr	Leu	Phe	Phe	Leu	Leu	Thr
				20					25						30
Lys	Pro	Val	Ala	Ile	Asn	Ser	Glu	Phe	Ser	Val	Ser	Asn	Lys	Glu	Pro
				35				40							45
Leu	Tyr	Phe	Gly	His	Asp	Asn	Ile	Pro	Val	Cys	Leu	Glu	Leu	Phe	Arg
				50				55							60
Gln	Thr	Cys	Gln	Gly											
	65				70										

&lt;210&gt; 10943

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10943

Val	Arg	Leu	Leu	Arg	Lys	Leu	Ile	Ser	Phe	Gly	Arg	Thr	Arg	Lys	Thr
1					5				10						15
Cys	Gly	Gly	Asp	Phe	Lys	His	Thr	Asp	Phe	Gly	Lys	Ile	Ile	Leu	Pro
				20					25						30
Phe	Thr	Leu	Leu	Arg	Arg	Leu	Glu	Cys	Ala	Leu	Glu	Ser	Thr	Arg	Glu
				35				40							45
Ala	Ser	Leu	Asp	Ser	Gln	Pro	Ala	Thr	Ile	Glu	Phe	Leu	Glu	Ala	Glu
				50				55							60
Phe	Ser	Val	Asp	Phe	Asp	Ala	Leu	Leu	Ser						
	65				70										75

&lt;210&gt; 10944

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10944

Arg	Asp	Glu	Asp	Met	Gln	His	Val	Thr	Arg	Leu	Thr	Pro	Arg	Trp	Tyr
1				5					10						15
Asp	Gly	Leu	Ala	Phe	Thr	Phe	Leu	Ser	Asp	Arg	His	Tyr	Val	Leu	Ile
				20					25						30
Ile	Arg	Glu	Glu	His	Gly	Met	Ser	Asn	Glu	Val	Thr	Lys	Gly	Met	Leu
				35				40							45
Ser	Ala	Gln	Val	Arg	Gly	Gly	Ile	Val	Arg	Asp	Cys	Ser	Val	Leu	Cys
				50				55							60
Ser	Pro	Val	Gly												
	65														

&lt;210&gt; 10945

&lt;211&gt; 466

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10945

Gly	Lys	His	Met	Ser	Gln	Ser	Pro	Tyr	Asp	Asp	Glu	Phe	Arg	Ala	Ile
1					5				10						15
Arg	Tyr	Ile	Gln	Leu	Arg	Gly	Gln	Asp	Ile	Ala	Asn	Ala	His	Glu	Thr
					20				25						30
Ile	Ser	Ser	Asp	Ile	Glu	Ser	Leu	Lys	Ala	Gln	Leu	Thr	Gly	Leu	Ile
					35			40							45
Ser	Gly	Thr	Glu	Leu	Asp	Glu	Ala	Glu	His	Leu	Ala	Lys	Glu	His	

50	55	60													
His	Leu	Arg	Glu	Met	Thr	Pro	Ser	Asp	Thr	Ala	Met	His	Ser	Thr	Ser
65															80
Leu	Lys	Thr	Ile	Tyr	Ser	Glu	Ala	Asn	Gln	Arg	Val	Cys	Gly	Asp	Ile
															95
Gly	Leu	Thr	Thr	Ile	Leu	Ser	Thr	Asp	Asp	Leu	Ala	Val	Val	Asp	Ala
															100
Arg	Ile	Gln	Asn	His	Ile	Lys	Glu	Phe	Asn	Asp	Arg	Tyr	Ala	Leu	Asp
															115
Ala	Trp	Asp	Tyr	Ala	Ile	Ala	Cys	Gly	Cys	Gly	Leu	Ile	Ala	Ser	Met
															130
Leu	Asp	Leu	Leu	Cys	Val	Arg	Ala	Pro	Pro	Lys	Pro	Thr	Val	Ser	Phe
															145
Thr	Ala	Glu	Val	Asp	Gly	Ile	Phe	Asn	Lys	Gln	Val	Gln	Lys	Ala	Phe
															165
Asn	Ala	Ile	Leu	Pro	Glu	Asp	Leu	Ser	Lys	Lys	Leu	Ser	Glu	Met	Phe
															180
Pro	Ile	Gly	Ala	Pro	Asp	Ser	Ser	Ile	Thr	Ser	Asp	Leu	Val	Gly	Ala
															195
Ala	Gly	Gly	Val	Leu	Ser	Pro	Thr	Asn	His	Arg	Leu	Arg	Ala	Leu	Ser
															210
His	Asp	Pro	Ile	Leu	Gly	Ile	Ile	Gly	Ile	Lys	Asp	Met	Leu	Asn	
															225
Gly	Thr	Cys	Thr	Val	Val	Gln	Asn	Gly	Gln	Ile	Val	Val	Tyr	Pro	Ser
															245
Ser	Lys	Gly	Val	Thr	Asp	Glu	Thr	Asn	Ile	Phe	Arg	Leu	Ile	Ala	Arg
															260
Met	Phe	Gly	His	Leu	Ala	Ser	Asp	Val	Asn	Ala	Pro	Ser	Ala	Lys	Gly
															275
Asn	Arg	Gly	Met	Gly	Leu	Pro	Ala	Pro	Phe	Met	Gly	Leu	Leu	Arg	Met
															290
Leu	Glu	Gly	Ile	Pro	Val	Gly	Ser	Ser	Asn	Phe	Gly	Lys	Gln	Ile	Glu
															305
Tyr	Met	Tyr	Val	Asn	Gly	Tyr	Asp	Phe	Arg	Gln	Phe	Ile	Val	Thr	Ser
															325
Ile	Pro	Met	Thr	Ile	Met	Glu	Val	Leu	Met	Arg	Val	Phe	Tyr	Val	Ala
															340
Lys	Gln	Val	Ser	Leu	Gly	Lys	Gly	Ala	Phe	Gly	Glu	Thr	Leu	Leu	Asp
															355
Thr	Met	Pro	Leu	Arg	Leu	Asn	Pro	Arg	Phe	Arg	Met	Met	Leu	Ala	Leu
															370
Gly	Tyr	Gly	Thr	Ser	Ser	Ala	Val	Asn	Ala	Gly	Lys	Met	Tyr	Ile	Thr
															385
Gly	Asn	Ile	Leu	Asn	Ala	Asn	Tyr	Ala	Ser	Trp	Met	Gly	Leu	Ala	Trp
															405
Asn	Gly	Phe	His	Ser	Leu	Lys	Trp	Ser	Leu	Tyr	Gln	Arg	His	Leu	Lys
															420
Leu	Trp	Ala	Gly	Ile	Glu	Lys	Ala	Glu	Leu	Glu	Arg	Leu	Gln	Asn	Asn
															435
Ile	Asp	Ser	Ile	Glu	Ala	Leu	Asn	Ile	Arg	Ala	Gly	Asn	Leu	Pro	Val
															450
Lys															460

&lt;210&gt; 10946

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10946

Tyr Asp Arg Leu Lys Pro Arg Ile Ala Leu Gly Leu Ser Met Asn Lys

1	5	10	15												
Gln	Pro	Leu	Val	Met	Lys	Ile	Thr	Asp	Pro	Trp	Arg	Lys	Ser	Glu	Ser
				20				25				30			
Gln	Gln	Val	His	Gln	Gly	Glu	Asn	Met	Phe	Ser	Glu	Ala	Cys	Gly	Ile
				35				40				45			
Gly	Val	Met	Leu	Gly	Asn	Phe	Gln	Ile	Ala	Phe	Met	Val	Gln	Gln	Ala
				50				55			60				
Ile	Lys	His	Val	Gly											
	65			70											

&lt;210&gt; 10947

&lt;211&gt; 128

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10947

Val	Gln	Ile	Val	His	Gln	Arg	Cys	Asp	Phe	Thr	Ala	Phe	Lys	Gln	Leu
						5			10				15		
1															
Ala	His	Leu	Asn	Ala	Trp	Leu	Lys	Met	Asn	Gly	Gln	Gly	Gly	Arg	Ile
								20		25			30		
Tyr	Thr	His	Lys	Ile	Gly	Ile	Lys	Gln	Arg	Met	His	Cys	Trp	Ser	His
								35		40			45		
Gln	Asp	Ala	Ile	Arg	Arg	Ile	Val	Pro	Gly	Ser	Met	Phe	Asn	Val	Cys
								50		55			60		
Arg	Ile	Gln	Asp	Thr	Thr	Ile	Asn	Pro	Thr	Gly	Tyr	Arg	Thr	Thr	Ala
								65		70		75		80	
Ser	Glu	Ile	Leu	Asp	Glu	Gln	Ser	Phe	Lys	Phe	Thr	Leu	Cys	His	Ala
								85		90			95		
Thr	Thr	Leu	Arg	His	Tyr	Ala	Leu	Ala	Val	Leu	Thr	Leu	Asp	Ile	Tyr
								100		105			110		
Val	Arg	Phe	Pro	His	Trp	Phe	Ala	Gly	Gly	Arg	Leu	Asn	Leu	Phe	
								115		120			125		

&lt;210&gt; 10948

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10948

Ile	Gln	His	Gly	Cys	Tyr	Glu	Pro	Thr	Ser	Ala	Gly	Asn	Ser	Ile	Ile
							1	5		10			15		
Pro	Gly	Val	Glu	Arg	Val	Ala	Ile	Ile	Lys	Phe	Phe	Asn	Met	Ile	Leu
								20		25			30		
Asp	Pro	Gly	Ile	Tyr	Asn	Ser	Gln	Val	Ile	Arg	Gly	Glu	Tyr	Cys	Gly
								35		40			45		
Gln	Ser	Asn	Ile	Thr	Ala	Tyr	Thr	Leu	Val	Ser	Leu	Ala	Ile	Tyr	Ser
								50		55			60		
Leu	Glu	Thr	Ser	Arg	Met	His	Gly	Ser	Ile						
								65		70			75		

&lt;210&gt; 10949

&lt;211&gt; 86

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10949

Phe	Val	Gly	Asp	Lys	Thr	Pro	Pro	Ala	Ala	Pro	Thr	Lys	Ser	Leu	Val
							1	5		10			15		
Ile	Glu	Leu	Ser	Gly	Ala	Pro	Ile	Gly	Asn	Ile	Ser	Glu	Ser	Phe	Leu
								20		25			30		
Leu	Arg	Ser	Ser	Gly	Lys	Met	Ala	Leu	Lys	Ala	Phe	Cys	Thr	Cys	Leu

35	40	45
Leu Lys Met Pro Ser Thr Ser Ala Val Lys Leu Thr Val Gly Phe Gly		
50	55	60
Gly Ala Leu Thr Gln Ser Lys Ser Ser Met Asp Ala Met Ser Pro His		
65	70	75
Pro Gln Ala Ile Ala		
85		

&lt;210&gt; 10950

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10950

Ile Val Glu Gly Ile Glu Thr Leu Ser Leu Gln Leu Asp Glu Asn Glu		
1	5	10
		15
Thr Met Ala Leu Ala Gln Leu Val Lys Arg Leu Ser Trp Ser Asp Leu		
20	25	30
Arg Gly Cys Ala Val Ser Asp Glu Glu Ala Trp Val Met Lys Ser Ala		
35	40	45
Ile Glu Lys Leu Gln Gln Ala Leu Arg Glu Glu Gly Tyr Ala Pro Arg		
50	55	60

65

&lt;210&gt; 10951

&lt;211&gt; 94

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10951

Asn Val Ile Asn Leu Thr Pro Cys Arg Leu Thr Val Lys Lys Asp Ala		
1	5	10
		15
Leu His Thr Ser Val Ala Pro Phe Cys Thr Cys Lys Phe Leu Asn Thr		
20	25	30
Ala Met Ala Asp Glu Tyr Ala Ala Leu Ser Leu Ser Leu Phe Ile Asn		
35	40	45
Arg Lys Thr Ala Ile Arg Val Ser Thr Met Leu Gly Trp Leu Ala Ile		
50	55	60
Asp Asn Asp Gly Asn Lys His Val Arg Gln Cys Phe Glu Asn Cys His		
65	70	75
Thr Pro Lys Ser Ser Cys Thr Leu Ala Gly Thr Leu Cys		
85	90	

&lt;210&gt; 10952

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10952

Leu Leu Ile Ile Gly Leu Asn Gly Asn Phe Val Ser Leu Arg Lys Pro		
1	5	10
		15
Gly Leu Ile Ile Ser Glu Arg Glu Asn Gly Pro Arg Glu His Leu Arg		
20	25	30
Trp Leu Ala Phe Gln Tyr Lys Thr Val Ser Pro Gly Gly Ile Asn Phe		
35	40	45
Ala Pro Asp Ile Ile Ile Val Ile Pro Ala Asp His Gln Glu Ser Tyr		
50	55	60
Leu Trp Val Lys Leu Phe Tyr Phe Phe Glu		
65	70	75

&lt;210&gt; 10953

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10953

Phe	Gln	Gly	Arg	Ser	Gly	Arg	Glu	Pro	Lys	Ile	Asp	Tyr	Gln	Gln	Thr
1															
															15
5															
															10
Trp	Arg	Ala	Met	Ile	Ser	Asn	Leu	Ser	Val	Ala	Ile	Ile	Leu	Ile	Arg
															30
20															
															25
His	His	Thr	Arg	Leu	Phe	Lys	Leu	Ala	Met	Cys	Asn	Gln	Lys	Ile	Gly
															45
35															
															40
Asp	Ala	Ala	Cys	Tyr	Gln	Trp	Met	Val	Ile	Asn	Asp				
50															60

&lt;210&gt; 10954

&lt;211&gt; 167

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10954

Ala	Pro	Phe	Phe	Leu	Ile	Leu	Lys	Leu	Pro	His	Asp	Ile	Val	Asn	Glu
1															
															15
5															10
Ser	His	Pro	Phe	Ser	Asn	Pro	Thr	Leu	Leu	Lys	Glu	Ile	Lys		
															30
20															
															25
Met	Leu	Pro	Asp	Asn	Leu	Val	Pro	Ala	Lys	Tyr	His	Ile	Thr	Pro	Val
															45
35															
															40
Glu	Gln	Pro	Ser	Thr	Glu	Ala	Asp	Lys	Glu	Ala	Asn	Phe	Thr	Gln	Gly
															50
50															60
Lys	Arg	Lys	Leu	Ser	Asp	Tyr	Glu	Ala	Asp	Ile	Leu	Ile	Gly	Val	Ser
															65
65															70
															75
															80
Arg	Thr	Gly	Lys	Ser	Arg	Asn	Met	Val	Leu	Glu	Glu	His	Asp	Arg	His
															85
85															90
															95
Leu	Lys	Glu	Arg	Leu	Phe	Arg	Ala	Ile	Lys	Ile	Glu	Ala	Leu	Val	His
															100
100															105
															110
Leu	Leu	Asn	Asp	Leu	Gln	Ala	Glu	Gly	Glu	Ile	Asp	Ala	Gln	Thr	Leu
															115
115															120
															125
Ser	Gln	Ile	Met	Val	Glu	Lys	Thr	Gln	Gln	Ile	Asn	Glu	Ala	Gly	Asn
															130
130															135
															140
Glu	Ile	Trp	Leu	Asn	Leu	Ile	Thr	Arg	Glu	Lys	Asn	Asn	Pro	Ile	Phe
145															150
															155
															160
Tyr	Asn	Leu	Gly	Glu	Asp										
															165

&lt;210&gt; 10955

&lt;211&gt; 106

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10955

Phe	Met	Lys	Lys	Pro	Leu	Ile	Val	Leu	Thr	Val	Thr	Leu	Met	Leu	Ala
1															
															15
5															
															10
Gly	Cys	Ser	Thr	Leu	Lys	Thr	Asp	Gln	Ala	Ile	Pro	Leu	Leu	Gln	Ala
															20
20															25
															30
Glu	Thr	Ala	Lys	Met	Leu	Gly	Leu	Gly	Ser	Ser	Asp	Glu	Ile	Thr	Val
															35
35															40
															45
Thr	Asn	Val	Asn	Gly	Ala	Gln	Pro	Asp	Ala	Leu	Gly	Gly	Gln	Lys	Leu
50															55
															60
Ser	Tyr	Arg	Ala	Thr	Thr	Glu	Lys	Gly	Arg	Ile	Phe	Asp	Cys	Ser	Ser
65															70
															75
															80
Met	Met	Met	Pro	Gly	Ile	Leu	Gly	Ser	Ala	Pro	Thr	Leu	Ser	Ala	Pro

85	90	95
Thr Cys Thr Pro Val Val Thr His Lys		
100	105	
<210> 10956		
<211> 94		
<212> PRT		
<213> Enterobacter cloacae		
<400> 10956		
Pro Ser Arg Arg Lys Arg Pro Val Ala Arg Ile Leu Glu Glu Lys Ile		
1                   5                   10                   15		
Pro Glu Ala Lys Thr Leu Ala Val Arg Ile Leu Val Val Lys Thr Pro		
20                   25                   30		
Glu Ala Lys Thr Leu Ala Val Arg Ile Leu Ala Val Lys Thr Pro Glu		
35                   40                   45		
Val Lys Ile Leu Ala Val Arg Ile Leu Val Val Lys Thr Pro Glu Val		
50                   55                   60		
Lys Thr Arg Ala Ala Ala Ser Arg Ala Phe Ser Arg Pro Trp Pro Lys		
65                   70                   75                   80		
Ala Ala Thr Ser Gly Ile Pro Leu Ala Arg Ser Pro Arg		
85                   90		
<210> 10957		
<211> 159		
<212> PRT		
<213> Enterobacter cloacae		
<400> 10957		
Leu Arg Val Lys Lys Thr Ile Pro Phe Phe Ile Thr Trp Gly Lys Ile		
1                   5                   10                   15		
Asn Val Asn Asp Asp Ser Gly Asn Asn Val Tyr Leu Thr Leu Asp Asp		
20                   25                   30		
Lys Lys Ser Asp Glu Phe Ile Leu Lys Gln Asn Leu Asp Ala Leu Lys		
35                   40                   45		
Lys Ile Lys Asn Asp Glu Met Thr Arg Ile Thr Gln Asp Leu Val Ser		
50                   55                   60		
Ile Pro Ala Thr Leu Val Arg Leu Lys Trp Gln Asn Arg Arg Glu Ile		
65                   70                   75                   80		
Tyr Ala Leu Gln Ala Lys Glu Glu Ile Tyr Gly Ala Val Met Asn Ala		
85                   90                   95		
Ile Ile Glu Gln Arg Pro Glu Leu Lys Glu Lys Ile Leu Gly Arg Leu		
100                  105                  110		
Glu Ala Asn Tyr Gln Tyr Leu Leu Ala Arg Glu Thr Ala Thr Leu Arg		
115                  120                  125		
Leu Thr Arg Lys Leu Ser Glu Gly Asn Tyr Arg Thr Ser Asn Val Thr		
130                  135                  140		
Cys Val Ala Leu Asp Glu Glu Ala Pro Thr Ala Pro Ser Glu		
145                  150                  155		
<210> 10958		
<211> 176		
<212> PRT		
<213> Enterobacter cloacae		
<400> 10958		
Asn Gln Lys Lys Trp Ser Leu Pro Met Asn Ser Ile Phe Phe Thr Val		
1                   5                   10                   15		
Ile Thr Leu Leu Leu Thr Ala Gly Val Leu Leu Leu Met Gln Glu		
20                   25                   30		
Phe Asn Lys Thr Lys Val Ser Lys Asp Val Ser Glu Pro Pro Gln Pro		

35	40	45													
Glu	Leu	Met	Ser	Lys	Glu	Glu	Gly	Glu	Asp	His	Phe	Ser	Val	Leu	Met
50					55						60				
Asn	Ala	Val	Thr	Pro	Val	Trp	Tyr	Trp	Arg	Val	Asn	His	Glu	Tyr	Ile
65					70				75						80
Asp	Phe	Leu	His	Ala	Thr	Ile	Lys	Arg	Met	Lys	Met	Ala	Glu	Ile	Asn
					85				90						95
Asp	Thr	Pro	Gly	Leu	Phe	Asp	Ala	Gln	Arg	Arg	Cys	Ser	Asp	Leu	Asn
					100				105						110
Ser	Ala	Val	Tyr	Lys	Tyr	Tyr	Asp	Asn	Ile	Lys	Lys	Arg	Cys	Leu	Asn
					115				120						125
Gly	Glu	Lys	Val	Ser	Tyr	Ser	Asp	Leu	Asp	Val	Leu	Asn	Leu	Arg	Gln
					130				135						140
Cys	Phe	Arg	Glu	Phe	Ser	Leu	Glu	Ala	Tyr	Pro	Glu	Leu	Val	Ala	Leu
145					150					155					160
Val	Trp	Pro	Glu	Tyr	Ala	Arg	Pro	Asp	Val	Asp	Pro	Asn	Glu	Val	
					165				170						175

&lt;210&gt; 10959

&lt;211&gt; 87

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10959

Arg	Leu	Arg	His	Gln	Asp	Pro	Ala	Gln	Cys	Pro	Arg	Leu	Glu	Lys	Asp
1					5				10					15	
Ile	Pro	Val	Ala	Lys	Leu	Lys	Leu	Pro	Ala	Tyr	Val	Asp	Ile	Leu	Cys
					20				25					30	
Asp	His	Ile	Arg	Ala	Pro	Val	Pro	Asp	Ile	Arg	Gln	Arg	Leu	Ser	Ala
					35				40					45	
Lys	Gly	Gly	Asp	Asp	Ala	Gly	Asp	Gly	Lys	Asp	Pro	Ala	Ile	Asp	Pro
					50				55					60	
Leu	Arg	Ser	Leu	Asp	Glu	Ala	Asn	Asn	Gly	Arg	Lys	Leu	Ala	His	Leu
					65				70					80	
Asn	Thr	Thr	Asn	Gln	Arg										
					85										

&lt;210&gt; 10960

&lt;211&gt; 197

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10960

Lys	Gly	Trp	Leu	Val	Ala	Thr	Ser	Ile	Val	Leu	Val	Thr	Gln	Asp	Cys
1														15	
Phe	Leu	Val	Arg	Gly	Met	Arg	Leu	Phe	Phe	Pro	Asp	Ile	Ile	Cys	Leu
									20					30	
Ser	Ser	Ile	Asp	Arg	Asn	Ile	Phe	Asp	Thr	Asp	Ala	Asn	Glu	Tyr	Thr
									35					45	
Val	Leu	Ile	Asp	Ser	Arg	Thr	Pro	Leu	Arg	Leu	Tyr	Asp	Tyr	Leu	Ile
									50					60	
Arg	His	Pro	Ala	Arg	Thr	Arg	Lys	Thr	Ile	Cys	Cys	Val	Met	Leu	Asp
									65					80	
Met	Arg	Pro	Arg	Glu	Glu	Asp	Leu	Leu	Ser	Met	Lys	Leu	Phe	Met	Asn
									85					95	
Thr	Ser	Leu	Thr	Ala	Pro	Asp	Met	Ala	Ser	Leu	Phe	Asn	Leu	Val	Leu
									100					110	
Asp	Met	Lys	Gly	Arg	Arg	Leu	Thr	Thr	Lys	Trp	Leu	Leu	Asn	Leu	Arg
									115					125	
Leu	Ser	Arg	His	Glu	Ala	Ile	Met	Ile	Arg	Leu	Leu	Lys	Ala	Gly	Arg
									130					140	

Ser Met Glu Glu Ile Ala Asp Lys Leu Asn Met Ser Val Lys Ser Leu  
 145 150 155 160  
 Tyr Arg Lys Arg Thr Val Leu Ser Glu Arg Leu Gly Ala Gly Asn Phe  
 165 170 175  
 Asn Glu Ala Cys Leu Phe Ile Phe Lys Asn Lys Leu Leu Asp Ala Val  
 180 185 190  
 Gly Asn Asp Pro  
 195

&lt;210&gt; 10961

&lt;211&gt; 71

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10961

Ser His His Ala Ser Ala Trp Gln Ala Gly Thr Val Gly Met Arg Phe  
 1 5 10 15  
 Phe Gln Ser Leu Gln Asn Asp Gly Ile Ser Ala Pro Ala Gln Ile Arg  
 20 25 30  
 Leu Leu Asn Asn Thr Phe Leu Arg Leu Val Phe Ser Phe Ser Ala Val  
 35 40 45  
 Pro Phe Val Gly Ile Pro Phe Ala Ile Trp Ile Tyr Met Leu Gly Asp  
 50 55 60  
 Asp Leu Gly Pro Thr Ile Ile  
 65 70

&lt;210&gt; 10962

&lt;211&gt; 111

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10962

Lys Arg Ile Phe Asp Val Thr Leu Pro Gly Asn Val Arg Pro Asp Ala  
 1 5 10 15  
 Leu Thr Pro Thr Leu Ser Leu Lys Gly Glu Gly Ala Val Cys Ala Gly  
 20 25 30  
 Ile Ile Leu Trp Gly Ser Leu Ser Ser Gln Gly Glu Gly Ala Asn Thr  
 35 40 45  
 Lys Asn Gly Asn Gly Cys Tyr Arg Phe Ala Ser Thr Met Val Leu Asn  
 50 55 60  
 Thr Ser Ala Thr Ala Thr Ala Pro Gly Ser Ile Thr Pro Ser Arg Phe  
 65 70 75 80  
 Ser Leu Phe Thr Tyr Asp Glu Arg Pro Ala Pro Ala Phe Ala Ile Phe  
 85 90 95  
 Ala Val Ala Ser Ala Pro Cys Cys Ala Ala Cys Ala Ala Ala  
 100 105 110

&lt;210&gt; 10963

&lt;211&gt; 121

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10963

Ala Gly Arg Ser Ser Arg Lys Leu Pro Ala Asp Phe Gln Leu Ile Gly  
 1 5 10 15  
 Asn Trp Tyr Thr Gly Gln Met Ala Ile Leu Phe Ile Gln Lys Cys Ala  
 20 25 30  
 Lys Glu Cys Leu Ser Ser Cys Phe Tyr Cys Val Phe Asn Tyr Phe Tyr  
 35 40 45  
 Asn Arg Leu Lys His Arg Ala Gly Ala Gly Glu Cys Asp Leu Thr His  
 50 55 60

Tyr Thr Lys Ala Val Leu Ser Met Gln Arg Ala Glu Met Gln Ile Tyr  
 65 70 75 80  
 Ser Arg Ile Leu Ile Trp Cys Cys Ile Gln Cys Arg Ile Lys Ser Leu  
 85 90 95  
 Phe Phe Ser Pro Gly Ala Ile Asn Glu Lys Asn His Gln Asn Ile Arg  
 100 105 110  
 Lys Ser Asn Tyr Val Gln Gly Glu  
 115 120

&lt;210&gt; 10964

&lt;211&gt; 88

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10964

Arg Phe Ile Arg Gly Pro Arg Ile Arg Pro Leu Phe His Pro Phe Ala  
 1 5 10 15  
 Gln Val Asn Lys Phe Glu Asp Leu Leu Gln Arg Glu Ser Gln Leu Leu  
 20 25 30  
 His Lys Tyr Asp Glu Gln Ala Ala His Pro Glu Ser Phe Gln Arg Ile  
 35 40 45  
 Ser Asn Leu Ser Gly Ile Gly Thr Gln Val Lys Trp Gln Ser Tyr Leu  
 50 55 60  
 Tyr Lys Asn Val Leu Lys Ser Ala Tyr Leu Val Val Phe Ile Val Tyr  
 65 70 75 80  
 Leu Thr Ile Phe Thr Thr Ala  
 85

&lt;210&gt; 10965

&lt;211&gt; 113

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10965

Lys Gln Tyr Gly Val Gly Lys Thr Thr Gly Val Asn Ile Gly Asn  
 1 5 10 15  
 Tyr Met Leu Phe Ile Lys Asn Lys Lys Val Thr Ile Asp Gly Gln Glu  
 20 25 30  
 Gly Asp Glu Ile Phe Ser Asn Val Asp Trp Asn Gly Ser Lys Trp Glu  
 35 40 45  
 Ser Gly Gly Ala Val Arg Ser Asp Gly Ile Ser Ile Ile Ser Ala Ala  
 50 55 60  
 Thr Thr Gly Thr Thr Pro Val Ala Phe Thr Thr Ala Val Phe Pro  
 65 70 75 80  
 Leu Val Thr Ser Leu Ala Ile Gln Gly Thr Asp Thr Leu Ala Ile Thr  
 85 90 95  
 Asp Asp Thr Ser Leu Asp Gly Gln Ala Thr Ile Thr Leu Lys Tyr Leu  
 100 105 110

&lt;210&gt; 10966

&lt;211&gt; 223

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10966

Leu Phe Arg Arg Leu His Tyr Cys Ser Phe Glu Cys Glu Lys Lys His  
 1 5 10 15  
 Leu Glu Lys Gln Arg Tyr Gly Val Asp Cys Gln Met Lys Arg Leu Ile  
 20 25 30

Cys Ser Leu Pro Leu Leu Val Ala Val Ser Ser His Val Ser Ala Ser  
 35 40 45  
 Glu Met Thr Gly Phe Ala Thr Gln Tyr Tyr Asp Glu Asp Gly Ser Leu  
 50 55 60  
 Thr Glu Ile Ser Thr Ile Val Pro Leu Ser Pro Thr Ile Thr Ile Gly  
 65 70 75 80  
 Lys Lys Thr Val Gln Met Glu Val Thr His Leu Ser Gln Ile Phe Ser  
 85 90 95  
 Thr Tyr Val Glu Lys Asp Ser Ser Ala His Trp Ile Cys Leu His Asp  
 100 105 110  
 Asp Asp Gly Thr Asn Tyr Trp Phe Ile Ser Asp Asn Glu Met Gly Ala  
 115 120 125  
 Gly Leu Leu Thr Ala Leu Ala Ile Ser Arg Asp Gly Ile His Lys Glu  
 130 135 140  
 Cys Val Asn Thr Thr Glu Arg Val Ser Val Ser Val Ser Gly Val Pro  
 145 150 155 160  
 Leu Leu Asn Ala Thr His Gly Asp Leu Val Glu Leu Phe Gly Lys Lys  
 165 170 175  
 Thr Ile Gly Asn Arg Lys Lys Ile Leu Leu Tyr Gln Glu Thr Pro Val  
 180 185 190  
 Gln Asp Gly Phe Val Gln Asn Asn Thr Val Ser Tyr Tyr Phe Asp Gly  
 195 200 205  
 Glu Lys Leu Arg Gly Val Ile Ile Gly Gln Ile Thr Ser Asn  
 210 215 220

&lt;210&gt; 10967

&lt;211&gt; 115

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10967

Arg Gly Gly Ser Met Thr Tyr Glu Glu Leu Ile Asn Ser Pro Ala Gly  
 1 5 10 15  
 Glu Phe Val Met Phe Ala Ser Lys Asp Gly Lys Val Arg Ile Glu Cys  
 20 25 30  
 Arg Phe Glu Ser Asp Thr Leu Trp Leu Ser Gln Ala Thr Ile Cys Glu  
 35 40 45  
 Leu Tyr Gly Lys Ala Lys Ala Thr Ile Ser Gly His Ile Lys Asn Ile  
 50 55 60  
 Phe Asp Glu Gly Glu Leu Val Glu Asn Ser Val Val Arg Phe Tyr Arg  
 65 70 75 80  
 Thr Thr Ala Ser Asp Gly Lys Val Tyr Asn Val Gln Tyr Phe Ser Leu  
 85 90 95  
 Pro Val Ile Leu Thr Ile Gly Tyr Arg Arg Leu Ile Lys Met Gly Lys  
 100 105 110  
 Ala Gly  
 115

&lt;210&gt; 10968

&lt;211&gt; 308

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10968

Phe Pro Ser Val Tyr Thr Phe Gly Glu Phe Cys Ala Arg Asp Arg Leu  
 1 5 10 15  
 Ser Asn Leu Leu Leu Pro Val Ser Asp Ala Arg Ile Ile Cys Lys Arg  
 20 25 30  
 Trp Leu Ser Asp Glu Lys Ile Lys Met Asp Ile Val Leu Phe Pro Gly  
 35 40 45  
 Gln Asn Ala Arg Ala Trp Ala Glu Thr Met Ile Asn Leu Glu Ala Arg

50	55	60
Lys Leu Ile Asn Thr Ala Asn Ile Val Gly Gly Gln His Leu Ser Asp		
65	70	75 80
Gly Leu Ala Arg Ile Lys Phe Met Asp Asp Ile Arg Gln Phe Val Met		
85	90	95
Gln Gln Phe Ser Ala Thr Arg Ala Ala Arg Ser Asp Glu Glu Cys Met		
100	105	110
Glu Cys Leu Lys Asn Ile Arg Ala Glu Asn Glu Ser Leu Leu Glu Gln		
115	120	125
Ser Arg Met Leu Arg Ser Arg Thr Ala Gln Leu Phe Ala Gln Ile Glu		
130	135	140
Leu Val Lys Glu Asn Asn Lys Val Val Gly Tyr Val Ile Ser Ser Ile		
145	150	155 160
Lys Val Val Leu Ser Gly Leu Gln Ile Val Ala Gly Val Gly Ala Met		
165	170	175
Met Thr Met Asn Pro Val Gly Ala Leu Ala Gly Ala Ile Leu Val Met		
180	185	190
Asp Gly Ala Asn Ala Ile Ser Lys Glu Ile Asn Arg Thr Leu Gln His		
195	200	205
Gln Pro Asn Ser Glu Gly Met Leu Ala Asp Gly Val Met Asp Ile Ala		
210	215	220
Gln Phe Met Gly Phe Lys Arg Glu Ser Ala Leu Gly Val Phe Asn Ser		
225	230	235 240
Val Ser Leu Ala Ala Ser Val Tyr Thr Val Phe Gly Ala Ile Arg Lys		
245	250	255
Pro Glu Ser Trp Arg Leu Phe Arg Tyr Leu Pro Leu Asp Phe Tyr Arg		
260	265	270
Lys Val Asp Gly Met Asn Arg Ala Ala Leu Thr Met Lys Ile Val Gly		
275	280	285
Trp Gly Val Ser Ala Lys Val Ser Phe Asp Leu Ile Ser Asn Ala Ser		
290	295	300
Gly Gln Asn		
305		

&lt;210&gt; 10969

&lt;211&gt; 295

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10969

1	5	10 15
Tyr Lys Tyr Leu Pro Ser Glu Arg Ile Asp Ile Leu Glu Asn Asn Leu		
20	25	30
Ile Cys Phe Asn Asn Pro Leu Asn Phe Asn Asp Pro Phe Glu Phe Asn		
35	40	45
Thr Ser Phe Asn Phe Ser Ser Phe Glu Ser Asn Leu Tyr Asp Ser Leu		
50	55	60
Ser Thr Val Asp Leu Leu Lys Glu Phe Pro Ala Glu Leu Leu Asn Gln		
65	70	75 80
Ile Glu Lys Leu Pro Lys Glu Ile Val Ser Asn Ile Leu Lys Asp Ala		
85	90	95
Lys Lys Ala Met Leu Ser Met Tyr Lys Lys Glu Lys Asn Ile Ile		
100	105	110
Arg Ala Ala Asp Thr Thr Met Gln Ser Phe Asn Ser Lys Leu Ile Gly		
115	120	125
Ile Thr Arg Ile Leu Ser Leu Thr Glu Thr Pro Thr Asn Ile Leu Met		
130	135	140
Trp Gly His Tyr Ala Gln Ala His Ser Gly Phe Ile Ile Glu Phe Asp		
145	150	155 160
Ile Asn His Pro Phe Phe Ser Gln Arg Arg Gly Gln Lys Gly Glu Phe		

	165	170	175												
Gly	Tyr	Leu	Arg	Lys	Val	Ile	Tyr	Gln	Lys	Glu	Tyr	Pro	Phe	Leu	Asp
		180						185						190	
Pro	Phe	Ser	Gly	Asp	Gln	Ile	Asn	His	Phe	Leu	Ile	Lys	Ser	Lys	Asp
		195						200						205	
Trp	Glu	Tyr	Glu	His	Glu	Trp	Arg	Met	Leu	Leu	Pro	Gln	Ala	Asn	Ser
		210						215				220			
Gly	Lys	Thr	Ile	Asn	Val	Cys	Glu	Lys	Glu	Phe	Asp	Leu	Tyr	Glu	Leu
		225				230				235				240	
Pro	Ser	Asp	Ala	Ile	Lys	Thr	Ile	Ile	Phe	Gly	Cys	Asn	Thr	Ser	Glu
		245						250						255	
His	Phe	Lys	Thr	Lys	Met	Phe	Arg	Leu	Ile	Ser	Ser	Arg	Thr	Asp	Tyr
		260						265					270		
Glu	His	Ile	Ser	Phe	Ile	Gln	Ala	Lys	Lys	Ser	Asn	Ser	Arg	Phe	Glu
		275				280						285			
Ile	Val	Leu	Asp	Pro	Leu										
		290				295									

&lt;210&gt; 10970

&lt;211&gt; 63

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10970

Leu	Thr	Ile	Gln	Asn	Gly	Asn	Ala	Glu	Glu	Leu	Cys	Leu	Leu	Lys	Lys
1				5					10				15		
Lys	Val	Ile	Val	Ala	Arg	Tyr	Met	Trp	Tyr	Glu	Leu	Ile	Leu	Lys	Lys
				20				25					30		
Tyr	Lys	Val	Asp	Leu	Trp	Leu	Phe	Phe	His	Phe	Lys	Asn	Asn	Asn	Asp
		35				40					45				
Ile	Lys	Asn	Val	Ser	Ser	Ile	Lys	Met	Val	Asn	Ile	Val	Lys		
												50			
							55					60			

&lt;210&gt; 10971

&lt;211&gt; 251

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10971

Ala	Met	Met	Leu	Leu	Pro	Arg	Leu	Tyr	Ala	Arg	Leu	Cys	Ala	Arg	Gln
1				5					10				15		
Ala	Gly	Arg	Thr	Leu	Leu	Ala	Asn	Arg	Ile	Thr	Gln	Asn	Tyr	Ser	Gln
		20				25					30				
Phe	Met	Arg	Cys	Pro	Glu	Ala	Asp	Val	Pro	Ala	Asp	Phe	Leu	His	Gln
		35				40					45				
Asn	Ala	His	Glu	Leu	Ser	Gly	Phe	Asn	Phe	Val	Glu	Gln	Ile	Phe	Pro
		50				55				60					
Pro	Ala	Leu	Trp	Ala	Arg	Asn	Val	Arg	Phe	Asp	Leu	His	Gly	Tyr	Val
		65				70				75			80		
Ala	Gln	Trp	Thr	Arg	Glu	Gln	Ala	Phe	Tyr	Ser	Ser	Ser	Arg	Thr	Leu
		85					90					95			
Leu	Leu	Gly	Met	Arg	Trp	Ala	Gly	Phe	Gly	Leu	Ile	Val	Asp	Ala	Leu
		100				105					110				
Leu	Ala	Thr	Ala	Pro	Ala	Asp	Val	Arg	Phe	Gln	Phe	Ile	Thr	Arg	His
		115				120					125				
Pro	Ala	Leu	His	Lys	Leu	Met	Ala	Ala	His	Glu	Gly	Arg	Arg	Ala	Ser
		130				135				140					
Ser	Phe	Phe	Ala	Pro	His	Arg	Leu	Val	Thr	Val	Leu	Leu	Met	Asp	Glu
		145				150				155			160		
Arg	Leu	Pro	Asp	Ala	Pro	Leu	Phe	Ser	Thr	Gln	Ala	Gly	Asp	Gln	Lys
		165				170						175			

Ala	Trp	Leu	Thr	Asp	Val	Ser	Thr	Arg	Phe	Leu	Ser	Arg	Tyr	Gly	Tyr
				180				185					190		
Ser	Val	Arg	Thr	Leu	Leu	Pro	Ile	Cys	Ser	Leu	His	Ala	Ala	Glu	Phe
				195				200				205			
Gly	Leu	Glu	Ser	Gln	Ala	Tyr	Ala	Pro	Glu	Asp	Tyr	Arg	Gln	Ala	Ala
				210			215				220				
Ala	Asp	Thr	Leu	Asn	Ala	Leu	Arg	Lys	Thr	Pro	Thr	Leu	Trp	Ser	Ala
				225			230			235				240	
Trp	Asp	Asp	Leu	Ser	Val	Ile	Tyr	His	Gly						
				245				250							

<210> 10972

<211> 121

<212> PRT

<213> Enterobacter cloacae

<400> 10972

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Ser Thr Leu Leu Ser Arg Arg Lys Gly Ser Gly Met Asn Asn Ile Glu
      5          10          15
1
Thr Gln Leu Leu Glu Ser Gly Phe Thr Val Lys Glu Leu Ala Tyr Leu
      20         25         30
Asn Arg Asn Ile Ser Arg Tyr Gly Ser Ser Leu Leu Glu Val Val Leu
      35         40         45
Glu Leu Gly Lys Arg Phe Ile Met Val Leu Cys Ile Thr Ala Thr Val
      50         55         60
Ala Leu Ile Phe Leu Ala Leu Leu Phe Phe Ala Glu His Tyr Asn Ile
      65         70         75         80
Val Ser Gly Gly Ile Ser Leu Phe Ile Val Leu Ile Ile Ala Trp Phe
      85         90         95
Phe Gln Pro Pro Ile Ile Thr Tyr Lys Ala Trp Arg Phe Arg Lys Lys
      100        105        110
Tyr Ile Ser Ser Val Gln Thr His
      115        120

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<210> 10973

<211> 69

<212> PRT

<213> Enterobacter cloacae

<400> 10973

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Arg Tyr Leu Ala Leu Val Gly Thr Tyr Met Ser Thr Ala Lys Arg Asp
1           5          10          15
Pro Asn Gln Ser Lys Ser Gly Lys Ala Pro Thr Phe Gln Ile Arg Ile
20          25          30
Thr Pro Glu Leu Lys Ala Gln Phe Glu Ala Ala Ala Lys Ala Glu Gly
35          40          45
Met Ser Leu Gly Asn Trp Leu Lys Asn Leu Gly Arg Asn Glu Leu Asn
50          55          60
Arg Leu Lys Lys
65

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<210> 10974

<211> 64

<212> PRT

<213> Enterobacter cloacae

<400> 10974

Ile	Ser	Asn	Asp	Ala	Cys	Arg	Leu	Arg	Leu	Lys	Asn	Ala	Phe	Ser	Arg
1					5				10					15	
Val	His	Tyr	Arg	Lys	Tyr	Glu	Met	Arg	Met	Thr	Asn	Glu	Lys	Glu	Asn
				20				25					30		

Ile Ala Gln Arg Gly Gly Ser Gly Ser Leu Pro Pro Ala Asp Asp Arg  
 35 40 45  
 Asp Ala Ser Asn His Ala Arg His His Cys Pro Ser Pro Ala Ala  
 50 55 60

&lt;210&gt; 10975

&lt;211&gt; 81

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10975

Ser Asp Ala Pro Val Arg Cys Val Ala Ala Trp Arg Ala Val Val Arg  
 1 5 10 15  
 Leu Ala Cys Trp Ala Leu Arg Gly Leu His Pro Glu Gly Ala Glu Ala  
 20 25 30  
 Tyr Leu Lys Trp Ala Ala Ser Ser Lys Ile Leu Lys Val Lys Leu Cys  
 35 40 45  
 Val Thr Gly Arg Arg Tyr Met Pro Gly Gly Glu Ile Met Ala His Leu  
 50 55 60  
 Val Gly Leu Leu Pro Leu Lys Gln Val Leu Arg Arg Glu Asn Pro Arg  
 65 70 75 80

&lt;210&gt; 10976

&lt;211&gt; 74

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10976

Asp Val Glu Phe His Arg Pro Ser Leu Ser Leu Gln Gly Val Ser Cys  
 1 5 10 15  
 Met Gln Ile Gly Leu Arg Asn Val Leu Pro Arg Gly Tyr Val Phe Ser  
 20 25 30  
 Ala Asp Phe Phe Ser Tyr Asn Thr Gly Gln Lys Ala Pro Ser Ser Lys  
 35 40 45  
 Asn Phe Pro His Ala Leu Val Trp Arg Trp Gly Trp Thr Ala Leu Arg  
 50 55 60  
 Ala Pro Ser Arg Gln Met Pro Leu Tyr  
 65 70

&lt;210&gt; 10977

&lt;211&gt; 118

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10977

Gly Phe Arg Lys Gly Ala Pro Leu Thr Ile His Lys Ile Asn Phe Pro  
 1 5 10 15  
 Gly Arg Leu Ala Thr Ser Ser Gly Ala Pro Leu Thr Leu Glu Ser Leu  
 20 25 30  
 Met Ala Pro Ser Pro Arg Ser Arg Ser Ala Glu Arg Leu Val Asp Ile  
 35 40 45  
 Ile Ile Ala Leu His Arg Asn Gly Ser Val Asn Arg Arg Asp Leu Met  
 50 55 60  
 Gln Lys Phe Gly Ile Thr Glu Arg Thr Val Tyr Arg Asp Leu Gln Ala  
 65 70 75 80  
 Leu Ser Pro Ile Ile Glu His Asp Gly Lys Gly Arg Tyr Gln Leu Leu  
 85 90 95  
 Pro Ala Tyr Gln Thr Cys Arg Cys Val His Cys Pro Glu Ala Asn Asp  
 100 105 110

Glu Thr Pro Gln Gly  
115

&lt;210&gt; 10978

&lt;211&gt; 66

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10978

Arg	Tyr	Pro	Thr	Pro	Trp	Ala	Val	Gln	Arg	Ser	Val	Ile	Pro	Thr	Pro	
1						5			10				15			
Cys	Trp	Arg	Ser	Ser	Ser	Thr	Ser	Ser	Asn	Phe	Cys	Ala	Asn	Ser	Phe	Ile
						20			25				30			
Ala	Arg	Lys	Ala	Ile	Leu	Tyr	Ala	Pro	Asp	Phe	Asn	Leu	Ile	His	Arg	
						35			40				45			
Ala	Leu	Phe	Asn	Ser	Ala	Tyr	Lys	Arg	Lys	Met	Arg	Asn	Leu	Pro	Cys	
						50			55			60				

Leu

65

&lt;210&gt; 10979

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10979

Ser	Ile	Ala	Leu	Arg	Ala	Met	Lys	Leu	Leu	Ala	Gln	Lys	Phe	Glu	Leu
1						5			10				15		
Val	Leu	Glu	Arg	Gln	His	Gly	Val	Gly	Ile	Thr	Leu	Arg	Cys	Thr	Ala
						20			25				30		
His	Gly	Val	Gly	Tyr	Arg	His	Gly	Leu	Leu	Leu	Gln	Arg	Pro	Thr	Arg
						35			40			45			
Val	Ala	Gln	Gly	Asp	Gly	Asp	Leu	Thr	Leu	Ile	Leu	Thr	Gly	Thr	Leu
						50			55			60			

Ala Glu Asp

65

&lt;210&gt; 10980

&lt;211&gt; 542

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10980

Cys	Arg	Phe	Ser	Gly	Thr	His	Cys	Leu	Ser	Arg	Lys	Thr	Met	Met	Ile
1										10			15		
Ser	Ser	Ser	His	His	Thr	Arg	Glu	Gln	Phe	Glu	His	Cys	Leu	Ala	Ala
									20		25		30		
Ile	Arg	Gln	Ala	Ser	Val	Glu	Ile	Leu	Leu	Leu	Asn	Val	His	Val	
									35		40		45		
Ser	Glu	Gly	Lys	Asp	Pro	Arg	Trp	Phe	Leu	Glu	Gln	Leu	Asp	Ser	Ala
									50		55		60		
Arg	Leu	Gly	Leu	Gly	Gly	Trp	Gly	Ala	Val	Ala	Arg	Lys	Leu	Asn	Leu
									65		70		75		80
Asn	Asp	Ala	Glu	Met	Thr	Ala	Phe	Thr	Leu	Gln	Leu	Arg	Leu	Leu	Gln
									85		90		95		
Gln	Arg	Val	Pro	Gln	Tyr	Glu	Ser	Gly	Gln	Asp	Val	Ser	Glu	Asn	Gln
									100		105		110		
Leu	Ile	Ala	Ala	Met	Arg	Phe	Val	Thr	Ser	Leu	Glu	Tyr	Leu	Arg	Leu
									115		120		125		
Gln	Gln	Pro	Leu	Leu	Thr	Tyr	Glu	Thr	Gly	Arg	Val	Pro	Glu	Lys	Glu
									130		135		140		

Ser Gln Leu Gln Ala Gln Lys Gln Val Arg Ala Ile Glu Leu Met Ile  
 145 150 155 160  
 Lys Gly Leu Ile Gln Gln Ala Trp Pro Asp Pro Val Arg Leu Asn Asn  
 165 170 175  
 His Leu Lys Thr Leu Phe Asn Ala Glu Arg Val Arg Arg Trp Leu Lys  
 180 185 190  
 Asn Gly Glu Ile Asn Asp Val Leu Ser Gly Met Leu Phe Ser Glu Leu  
 195 200 205  
 Ala Gln Leu Leu Val Asp Lys Lys Glu Phe Ser Arg Tyr Tyr Ala Pro  
 210 215 220  
 Leu Phe Asn Ala Pro Asp Met Leu Thr Leu Leu Val Glu Pro Arg Lys  
 225 230 235 240  
 Thr Leu Gln Thr Phe Leu Glu Asp Ile Arg Gln Ile Arg Asn Ser Ile  
 245 250 255  
 Thr Val Gln Gln Pro Leu Ser Gly Ala Gln Ile Gln Leu Leu Asp Cys  
 260 265 270  
 Tyr Tyr Thr Gln Ile Thr Arg Ser Val Gln Arg Ala Phe Glu Glu Gly  
 275 280 285  
 Arg Thr Arg Val Asn Pro Ala Ala Leu Met Ala Val Asp Glu Ser Glu  
 290 295 300  
 Leu His Ala Phe Trp Glu Lys Ala Gln Lys Met Asp Arg Thr Thr Gly  
 305 310 315 320  
 Gly Asp Leu Phe Glu Val Arg Asp Ser Ile Glu Lys Pro Thr Gln Arg  
 325 330 335  
 Ala Thr Arg Thr Pro Glu Gln Arg Glu Gln Leu Ile Ser Gly Val Leu  
 340 345 350  
 Trp Gly Ala Val Gly Val Met Val Ile Ala Ile Val Val Gly Gly Phe  
 355 360 365  
 Trp Leu Val Asn Ser Ser Lys Pro Gln Pro Ala Val Ala Ser Thr Ala  
 370 375 380  
 Ser Pro Ala Pro Val Gln Glu Met Arg Glu Thr Pro Ser Ser Arg Glu  
 385 390 395 400  
 Thr Leu Thr Arg Met Gly Val Thr Trp Asp Glu Asn Asn Phe Arg Ser  
 405 410 415  
 Ala Ile Ser Arg Asn Asp Thr Arg Val Ala Leu Leu Phe Leu Gln Gly  
 420 425 430  
 Gly Met Asp Trp Lys Met Ser Trp Thr Glu Glu Ala Leu Ser Ala Gly  
 435 440 445  
 Tyr Asp Asp Val Leu Glu Val Met Leu Arg Tyr Arg Leu Gln Met Thr  
 450 455 460  
 Glu Gln Lys Pro Cys Arg Arg Phe Ile Asn Thr Leu Ser His Ala Met  
 465 470 475 480  
 Ala Asn Gly Glu Ser Leu Thr Pro Met Arg Lys Gln Tyr Leu Lys Ala  
 485 490 495  
 Phe Cys Thr Val Pro Ala Val Val Lys Arg Gln Gln His Asp Ala Asp  
 500 505 510  
 Met Ala Thr Arg Arg Ala Lys Thr Gln Pro Asp Ala Ser Thr Lys Lys  
 515 520 525  
 Trp Gln Ser Ile Gln Thr Ala Ile Tyr Glu Val Ile Arg  
 530 535 540

&lt;210&gt; 10981

&lt;211&gt; 143

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;UNSURE

&lt;222&gt;(12)

&lt;220&gt;

&lt;221&gt;UNSURE

&lt;222&gt;(94)

&lt;400&gt; 10981

His	Cys	Val	Asp	Tyr	Ile	Tyr	Val	Arg	Phe	Asp	Xaa	Asn	Ser	Ile	Phe
1				5			10							15	
Gln	Lys	His	Tyr	Leu	Leu	Lys	Lys	Arg	Asp	Val	Phe	Lys	Gly	Lys	Ala
				20			25						30		
His	Leu	Asp	Thr	Glu	Val	Met	Ala	Asp	Trp	Val	Asp	Thr	Gln	Lys	Glu
				35			40					45			
Ile	Asn	Leu	Phe	Thr	Leu	Asp	Ser	Leu	Ser	Asn	Ile	Asn	Asn	Thr	Asp
				50			55				60				
Glu	Phe	Asn	Arg	Lys	Gly	Asn	Glu	Arg	Leu	Asn	Glu	Ile	Tyr	Glu	Ser
				65			70			75			80		
Arg	Arg	Val	His	Gly	Lys	Asp	Ile	Lys	Lys	Asn	Arg	Lys	Xaa	Glu	Leu
				85			90				95				
Asp	Ser	Leu	Gly	Arg	Thr	His	Val	Ala	Asn	Gly	Arg	Ser	Glu	Pro	Ile
				100			105				110				
Leu	Pro	Ser	Ser	Ser	Asn	Val	Leu	Leu	Leu	Pro	Gly	Arg	Glu	Glu	Lys
				115			120				125				
Gln	Arg	Trp	Leu	Lys	Gly	Lys	Lys	Lys	Thr	Glu	Asp	Ala	Glu		
				130			135				140				

&lt;210&gt; 10982

&lt;211&gt; 111

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10982

Lys	Ala	Leu	Arg	Val	Arg	Leu	Leu	Leu	Arg	Lys	Lys	Ile	Arg	Asp	Met
1				5			10					15			
Lys	Met	His	Val	Lys	Ile	Thr	Ala	Lys	Leu	Met	Ala	Lys	Met	His	Leu
				20			25				30				
Val	Leu	Ala	Leu	Val	Trp	Ala	Ile	Leu	Thr	Ile	Pro	Thr	Leu	Leu	Trp
				35			40			45					
Trp	Lys	Asn	Ser	Ile	Leu	Trp	Val	Ser	Leu	Met	Ser	Ile	Tyr	Ala	Ile
				50			55			60					
Val	Ile	Ser	His	Leu	Ala	Ala	Tyr	Ser	Ala	Ala	His	Ala	Glu	Lys	Ala
				65			70			75			80		
Ala	Ser	Lys	Ala	Met	Asp	Lys	Ser	Glu	Gly	Ala	Ser	Gln	Lys	Ala	Asn
				85			90				95				
Gln	Thr	Ala	Asn	Ser	Leu	Gln	Gly	Asn	Ala	Arg	Gln	Ala	His		
				100			105				110				

&lt;210&gt; 10983

&lt;211&gt; 81

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10983

Met	Ile	Cys	Tyr	Leu	Leu	Gly	Lys	Pro	Glu	Arg	Lys	Glu	Trp	Glu	Leu
1				5			10					15			
Phe	Pro	Asp	Ile	Asn	His	Arg	Val	Ile	Lys	Leu	Ser	Gln	Ile	Glu	Lys
				20			25				30				
Val	Thr	Phe	Asp	Arg	Arg	Lys	Glu	Met	Met	Val	Ser	Lys	Arg	Leu	Lys
				35			40			45					
Ala	Lys	Asp	Tyr	Arg	Thr	Val	Ser	Thr	Gly	Phe	Asn	Val	Leu	Ser	Ser
				50			55			60					
Lys	Pro	Gly	Leu	Ile	Thr	Leu	Ala	Ile	Ala	His	Ser	Tyr	Ala	Val	Thr
				65			70			75			80		

&lt;210&gt; 10984

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10984

Gly	Ala	Ile	Pro	Ser	Trp	Ile	Trp	His	Gly	Arg	Cys	Ile	Glu	Lys	Arg
1					5				10					15	
Leu	Thr	Arg	Ser	Arg	Ser	Lys	Phe	Arg	Ser	Gly	Phe	Pro	Ile	Ala	Val
					20				25					30	
Arg	Pro	Arg	Glu	Lys	Pro	Gly	Arg	Glu	Asn	Arg	Tyr	Pro	Ala	Ala	Ala
					35				40					45	
Val	Lys	Asn	Val	Asn	Gln	Ser	Pro	Tyr	Gly	His	Gly	Ser	Gly	Pro	Val
	50				55				60						
Pro	Ser	Leu													
	65														

&lt;210&gt; 10985

&lt;211&gt; 104

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10985

Cys	Asn	Ile	Cys	Leu	Thr	Gly	Asp	Gln	His	Leu	Cys	Ser	Val	Val	His
1					5					10				15	
Phe	Trp	Cys	Ser	Val	Gln	Ala	Glu	Gly	Tyr	Leu	Phe	Gly	Glu	Tyr	Val
					20				25					30	
Ser	Leu	Phe	Thr	Phe	Gly	Lys	Met	Lys	Ala	Leu	Gly	Lys	Lys	Glu	
					35				40					45	
Gly	Ala	Leu	His	Gly	Glu	Phe	Ala	Leu	Ala	Gly	Gln	Arg	Ala	Pro	Asp
					50				55					60	
Gly	Ser	Arg	Lys	Lys	Asn	Ser	Asp	Gly	His	Arg	Asp	His	Cys	Ala	Arg
	65				70				75					80	
Ser	Ala	Phe	Gly	Ala	Gly	Leu	Ser	Phe	Ala	Ala	Gly	Ala	Ser	Pro	Ala
					85				90					95	
Ser	Leu	Ala	His	Leu	Ala	Gly									
	100														

&lt;210&gt; 10986

&lt;211&gt; 112

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10986

Ile	Cys	Arg	Phe	Phe	Ile	Arg	His	Gly	Arg	Arg	Pro	Gly	Asp	Gln	Phe
1					5				10					15	
His	Asn	Thr	Ala	Pro	Gly	Gly	Leu	Ser	Ile	Ala	Glu	Ser	Ile	Pro	Phe
					20				25					30	
Thr	Leu	Leu	Ile	Arg	Lys	Arg	Glu	Arg	Leu	Trp	Arg	Gly	Lys	His	Leu
					35				40					45	
Pro	Ala	Gly	Ser	Gly	Glu	Ser	Gly	Tyr	Arg	Leu	Ile	Lys	Ile	Ile	Asn
					50				55					60	
Ile	Asn	Ser	Lys	Met	Leu	Glu	Ala	Lys	Val	Ala	Gly	Ala	Gly	Gly	His
	65				70				75					80	
Ser	Leu	Phe	Arg	Ala	Met	His	Phe	Glu	Lys	Phe	Asn	Ala	Gly	Ser	Met
					85				90					95	
Gly	His	Asn	Lys	His	Ala	Asn	Gly	Val	Asn	Phe	Cys	Ala	Gly	Lys	
	100								105					110	

&lt;210&gt; 10987

&lt;211&gt; 178

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10987

Gln	Glu	Phe	Thr	Met	Pro	Ser	Ser	Val	Arg	Gly	Ile	Asp	His	Ile	Gly
1				5				10					15		
Ile	Thr	Val	Pro	Asp	Ile	Glu	Lys	Ala	Thr	Leu	Phe	Phe	Glu	Arg	Ala
					20				25				30		
Phe	Gly	Ala	Gln	Val	Leu	Tyr	His	Ser	Val	Asp	Ala	Glu	Thr	Asp	Asn
					35			40				45			
Ile	Asp	Gln	Ala	Ala	Gln	Gln	His	Thr	Leu	Lys	Leu	Phe	Pro	Gly	Thr
					50			55			60				
Lys	Ile	His	Ala	Ile	Arg	Met	Leu	Val	Met	Pro	His	Gly	Pro	Gly	Ile
					65			70		75			80		
Glu	Leu	Phe	Glu	Met	His	Gly	Pro	Glu	Gln	Gly	Met	Pro	Ala	Arg	Ala
					85			90			95				
Ser	Asp	Phe	Gly	Leu	Gln	His	Phe	Ala	Val	Tyr	Val	Asp	Asp	Phe	Asp
					100			105				110			
Lys	Ala	Ile	Ala	Ala	Phe	Thr	Ala	Ala	Gly	Gly	Glu	Met	Phe	Thr	Ala
					115			120			125				
Pro	Lys	Pro	Leu	Thr	Phe	Pro	Asp	Glu	Gln	Gly	Glu	Gly	Asn	Ala	Phe
					130			135			140				
Cys	Tyr	Gly	Gln	Thr	Pro	Trp	Gly	Ser	Ile	Val	Glu	Leu	Ile	Ser	Trp
					145			150			155			160	
Pro	Thr	Pro	Met	Pro	Tyr	Glu	Lys	Thr	Thr	Asn	Leu	Arg	Arg	Trp	Lys
					165			170			175				
Pro															

&lt;210&gt; 10988

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10988

Gly	Val	Gln	Phe	Leu	Thr	Gly	Asn	Lys	His	Pro	Asn	Ser	His	Val	Pro
1				5				10				15			
Ser	Arg	Arg	Tyr	Gln	Phe	Leu	Pro	Glu	Arg	Val	Lys	Gly	Gly	Pro	Glu
					20			25			30				
Ser	Val	Arg	Phe	Ser	Thr	His	Ile	Pro	Glu	Asn	Ile	Asp	Val	Gln	Gln
					35			40			45				
Val	Thr	Phe	Arg	Gln	Cys	His	Thr	Pro	Gly	Glu	Glu	Tyr	Thr	His	His
					50			55			60				
Ser	Val	Cys	Gln												
65															

&lt;210&gt; 10989

&lt;211&gt; 84

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10989

Arg	Tyr	Val	Pro	Tyr	Gln	Met	Tyr	Pro	Glu	Lys	His	His	Ile	Leu	Thr
1						5			10			15			
Ile	Ala	Tyr	Ile	Ala	Phe	Val	Ser	Thr	Leu	Ile	Phe	Ile	Leu	Arg	Thr
						20			25			30			
Cys	Ser	Gln	Leu	Val	Asn	Tyr	Leu	Glu	Val	Thr	Glu	Ile	Cys	Gln	Ile
						35			40			45			
Leu	Tyr	Cys	Asp	Tyr	Tyr	Cys	Val	Gly	Ile	Asn	Asp	Val	Val	His	Tyr

50	55	60
Leu Asn Lys Lys Arg	Leu Arg Asp Arg Tyr	Pro Glu Asn Val Val Ser
65	70	75
Pro Gly Gly		

&lt;210&gt; 10990

&lt;211&gt; 283

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10990

Asp Phe Gly Glu Lys Lys Met Arg Tyr Thr Arg Thr Ser Thr Ala Thr		
1 5 10 15		
Asp Val Thr Asp Thr Leu Arg Gln Tyr Gln Ala Asp Leu Leu Thr Gly		
20 25 30		
Pro Cys Trp Met Ser Val Trp Pro Leu Ile Glu Arg Leu Leu Ser Arg		
35 40 45		
Glu Asn Glu Met Gln Ser Val Trp Gln Asn Ile Ala Arg Gln Ala Leu		
50 55 60		
Thr Trp Gln Gln Cys Tyr Cys Leu Leu Glu Gln Ile Ile Leu Ala Gly		
65 70 75 80		
Arg Phe Ser Arg Pro Asp Ile Val Ser Arg Leu Lys Glu Asp Tyr Arg		
85 90 95		
Gln Leu Glu Glu Leu Asn Arg Thr Ile Ser Lys Glu Ala Gly Glu Leu		
100 105 110		
Ala Gln Lys Ile Leu Val Arg Asp Ala Ile Leu Asn Arg Asn Ala Phe		
115 120 125		
Thr Leu Glu Arg Thr Thr His Ile Val Glu Leu Met Glu Met Ala Glu		
130 135 140		
Asp Asn Asp Gly Leu Tyr Arg Tyr Tyr Leu His Glu Thr Leu Asp Gly		
145 150 155 160		
Leu Thr Cys Arg Tyr Asp Gly Lys Tyr Trp Pro Gly Leu Pro Gly Val		
165 170 175		
Leu Gln Val Ile Ala Arg Glu His Pro Glu Ile Gly Cys Leu Ser Glu		
180 185 190		
Ser Asp Arg Ala Ile Ile Asn Gly Arg Gly Lys Met Leu Pro Asp Tyr		
195 200 205		
Leu Arg Glu Leu Phe Ser Ser Ile Glu Asn Val Arg Gln Gly Pro Trp		
210 215 220		
Gly Leu Pro Lys Glu Phe Thr Leu Thr Asp Ser Ser Leu Ala Thr Leu		
225 230 235 240		
Ala Thr Val Thr Leu Asp His Thr Glu Val Phe Ser Ala Asp Thr Val		
245 250 255		
Lys Val Arg Arg Ser Glu Phe Ser Lys Arg Gly Glu Arg Gly Ala Trp		
260 265 270		
Pro Phe Lys Pro Leu Lys Ala Val Asp Met		
275 280		

&lt;210&gt; 10991

&lt;211&gt; 580

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10991

Val Asp His Phe Leu Pro Val Val Asp Ser Asn Pro Leu Ser Thr Ile		
1 5 10 15		
Arg Glu Leu Leu Phe Leu Tyr Glu Met Glu Asp Arg Phe Ser Ala Asp		
20 25 30		
Lys Lys Arg Leu Arg Val Ala Thr Glu Leu Leu Glu Leu Glu Thr		
35 40 45		

Asp Gln Val Leu Arg Arg Glu Ala Phe Glu Asp Ile Pro Ala Gln Leu  
 50 55 60  
 Val Thr Leu Leu Asp Arg Asp Leu Leu Val Asp Pro Thr Arg Ser Pro  
 65 70 75 80  
 Val Glu Lys Arg Pro Arg Leu Ile Cys Ser Leu Cys Val Gln Leu Ala  
 85 90 95  
 Asp Ile Thr Glu Ala Ser Tyr Ile Thr Glu Ala Leu Glu Met Leu Glu  
 100 105 110  
 Gln Glu Leu Phe Ala Trp Pro Pro Leu Asp Glu His His Ala Arg Asp  
 115 120 125  
 Ile Tyr Ser Leu Thr Asn Gly Val Met Ser Val Leu Leu Thr Arg Gly  
 130 135 140  
 Met Thr Leu Thr Glu Cys Tyr Leu Leu Tyr Ile Asn Ile Phe Arg Asn  
 145 150 155 160  
 Val Ser Thr Glu Pro Asn Ala Phe Arg Ala Ala Phe His Ser Phe Arg  
 165 170 175  
 Gln Lys Leu Val Thr Pro Thr Arg Asp Val Thr Val Arg Met Phe Ile  
 180 185 190  
 Thr Ser Glu Lys Leu His Thr Leu Leu Asn Thr Gln Gly Pro Thr Leu  
 195 200 205  
 Gln Phe Asn Gly Cys Val Phe Met Pro Leu Asp Glu Ala Arg Gln Arg  
 210 215 220  
 Phe Ser Leu Ser Val Asp Ile Pro Val Cys Ser Met Ser Asp Thr Ser  
 225 230 235 240  
 Ala Arg Asn Met Ala Gly Gln Met Leu Arg Glu Ser Leu Asp Val Ile  
 245 250 255  
 Ala Tyr Met Val Gly Lys Gly Asp Ile Thr Val Gln Lys Gln Phe Met  
 260 265 270  
 Ile Ile Arg Asp Glu Asp Glu Thr Glu Val Pro Arg Phe Asp Asn Glu  
 275 280 285  
 Ile Glu Ala Asn Ala Asp Arg Leu Thr Asp Glu Glu Phe Ala Arg Phe  
 290 295 300  
 Met Val Ala Met Asn Arg Leu Phe Thr Asp Thr Pro Asp Val Ser Arg  
 305 310 315 320  
 Lys Lys Ile Ser Ser Ala Phe Arg Phe Arg Asn Gly Ile Glu Ser  
 325 330 335  
 Gln Val Gln Glu Ser Arg Phe Thr Ala Tyr Trp Ser Ala Leu Glu Ser  
 340 345 350  
 Leu Thr Leu Gly Val Ala Pro Gly Thr Pro Ser His Glu Gln His Val  
 355 360 365  
 Ile Gly Val Val Ala Pro Cys Met Val Leu Asp Tyr Val Val Lys Gln  
 370 375 380  
 Leu Phe Ser Leu Arg Lys Val Leu Arg Phe Ile Leu Arg Glu Pro Gly  
 385 390 395 400  
 His Pro Leu Arg Thr Pro Glu Ile Ala Ser Leu Pro Leu Gly Gln Leu  
 405 410 415  
 Tyr Ala Leu Leu Lys Asp Ala Asp Arg Val Arg Glu Leu Gln Thr Asp  
 420 425 430  
 Leu Gln His Phe Pro Tyr Val Met Tyr Arg Val Arg Lys Leu Ala Gly  
 435 440 445  
 Ile Cys Ala Ser Pro Glu Lys Met Ala Asp Lys Leu Gly Gln His Ala  
 450 455 460  
 Glu Lys Val Thr Arg His Leu His Arg Leu Tyr Leu Leu Arg Asn Thr  
 465 470 475 480  
 Ile Val His Asn Ala Gly Thr Ser Pro His Ile Asp Leu Leu Thr Val  
 485 490 495  
 Asn Leu Glu His Tyr Leu Arg Ala Thr Ile Ser Ala Leu Phe Asn Ile  
 500 505 510  
 Val Val Ile His Pro Thr Val Ser Thr Ala Glu Glu Ala Phe Thr Arg  
 515 520 525  
 Cys Gln Phe Thr Ser Glu Ser Val Phe Arg Glu Leu Asn Pro Leu His

6050

530                535                540  
Gly Ile Thr Glu Lys Lys Val Tyr Thr Ala Ile Asp Asn Gln Leu Lys  
545                550                555                560  
Asn Gly Thr Leu Ser Arg Ser Asp Ala Arg Leu Ile Ala Trp Leu Asn  
565                570                575  
Ala His His  
580

<210> 10992  
<211> 75  
<212> PRT  
<213> Enterobacter cloacae

<400> 10992  
Ala Gln Gln Asp Leu Leu Asn Ile Leu Arg Thr Ile Phe Phe Phe Phe  
1                5                10                15  
Ile Pro Asp Trp Glu Phe Ser Met Tyr Pro Asn Glu Ser Ala Ile Trp  
20                25                30  
Ile Ile Tyr Pro Gln Lys Asn Met Ser Tyr Lys Val Arg Gly Phe Ile  
35                40                45  
Asp Phe Ile Asp Phe Ile Asp Phe Ile Asp Phe Ile Ile Asp Glu Ile  
50                55                60  
Gly Thr Thr Pro Tyr Trp Lys His Gly Lys  
65                70                75

<210> 10993  
<211> 82  
<212> PRT  
<213> Enterobacter cloacae

<400> 10993  
Thr Leu Leu Met Pro Leu Lys His Gln Arg His Ser Leu Phe Asn His  
1                5                10                15  
Arg Arg Arg Arg Gln Ser Ala Tyr Cys Cys Ile Asn Pro Phe Cys  
20                25                30  
His Tyr Ser Phe Leu Thr Asn Gly Ser Ala His Arg Leu Thr Pro Phe  
35                40                45  
Asn Val Thr Ser Val Arg Ser Lys Val Asp Leu Arg Ile Thr Gly Leu  
50                55                60  
Asn Tyr Val Lys Glu Thr Phe Trp Cys Pro Pro Asn Pro Asp Arg Arg  
65                70                75                80  
Gln

<210> 10994  
<211> 173  
<212> PRT  
<213> Enterobacter cloacae

<400> 10994  
Glu Thr Cys Cys Thr Arg Ala Gln Gln Lys His Gln Ile Leu Ser Ser  
1                5                10                15  
Val Lys His His Cys Tyr Ala Gly Gly Lys Glu Asn Leu Met Lys Leu  
20                25                30  
Phe Thr Ile Gly Phe Thr Gln Ser Ser Ala Glu Asp Phe Phe Thr Arg  
35                40                45  
Leu Lys Glu Ser Gly Ala Arg Arg Ile Leu Asp Val Arg Leu Asn Asn  
50                55                60  
Arg Ser Gln Leu Ala Gly Phe Ala Lys Gln Asp Asp Leu Lys Phe Phe  
65                70                75                80  
Ala Arg Thr Leu Cys Asp Ile Asp Tyr Ala His Met Pro Asp Leu Ala

85	90	95
Pro Thr Arg Glu Met Phe Glu Arg Tyr Lys Leu Gln Lys Gly Asp Trp		
100	105	110
Asp Ile Tyr Ser Ser Asp Phe Ile Asp Leu Ile Thr Lys Arg His Ile		
115	120	125
Glu Thr Leu Glu Lys Ser Gln Phe Ala Asp Ala Cys Leu Leu Cys Ser		
130	135	140
Glu His Lys Pro His His Cys His Arg Arg Leu Val Ala Glu Tyr Leu		
145	150	155
Ala Asp Lys Trp Pro Asp Val Thr Ile Met His Leu		160
165	170	

&lt;210&gt; 10995

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10995

Arg Val Leu Cys Ala Val Leu Thr Trp Asp Cys Ala Ala Val Asp Ala			
1	5	10	15
Thr Thr Glu Ile Lys Leu Val Leu Arg Leu Ala Gly Thr Pro Ile Asp			
20	25	30	
Ile Ala Ile Ala Gly His Ala Ile Val Ala Gly Ala Val Leu Val Thr			
35	40	45	
Asn Asn Ala Leu Glu Phe Glu Arg Ile Ser Thr Leu Val Pro Glu Asp			
50	55	60	
Trp Val Asn			
65			

&lt;210&gt; 10996

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10996

Ile Met Phe Asn Val Ala Arg Asn Phe Pro Thr Asp Arg Ile Asn Pro			
1	5	10	15
Phe Cys Gly Phe Tyr Asn Ile Ile Lys Lys Phe Asp Pro Asp Gly Leu			
20	25	30	
Met Phe Gly Ile Gly Arg Glu Tyr Ile Asn Asn Val Thr Ala Asn Pro			
35	40	45	
Glu His Arg Pro Ser Gln Ser Phe Val Cys Thr Gly Ile Leu Gln Thr			
50	55	60	
Cys Gln Leu Met Asn			
65	70		

&lt;210&gt; 10997

&lt;211&gt; 164

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10997

Arg Thr Phe Lys Leu Asn Arg Met Thr Gly Leu Ala Val Leu Cys Leu			
1	5	10	15
Ser Leu Met Gly Cys Ser Ala Val Pro Ser Glu Asn Ser Ala Gln Tyr			
20	25	30	
Leu Arg Thr Glu Met Gln Ser Pro Val Ser Gly Ala Thr Ile Ile Thr			
35	40	45	
Val Thr Ala Asp Ser Leu Met Lys Gln Asp Asn Thr His Asn Ala Ile			
50	55	60	
Leu Tyr Ala Leu Arg Pro Met Pro Gly Lys Ala Phe Thr Ser Glu Leu			

65	70	75	80
Asp Arg Lys Phe Ala Ala Ala Thr Met	Tyr Ile Asp Leu Ser Pro Gly		
85	90	95	
Glu Lys Ser Arg Thr Ala Glu Ile Ser	Gly Glu Ile Asn Tyr Tyr Asp		
100	105	110	
His Glu Arg Tyr Val Asn Ala Arg	Leu Val Gly Asp Ser Ile Arg Thr		
115	120	125	
Ile Pro Ile Ala Pro Lys Thr	Ile Pro Leu Thr Leu Asn Lys Pro Phe		
130	135	140	
Ser Ile Asn Leu Pro Gln Gly Ile His Tyr	Ser Val Met Leu Thr Asp		
145	150	155	160
Ser Gln Pro			

&lt;210&gt; 10998

&lt;211&gt; 137

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10998

Arg Lys Gln Ser Met Ser Asn Pro Val	Ile Ser Gly Asn Gly Ile Phe		
1	5	10	15
Ser His Val Phe Ile Gly Ala Val Asp	Val Gln Lys Ser Ala Glu Phe		
20	25	30	
Tyr Asp Ala Thr Leu Gly Ala Leu Gly	Ile Asn Asn Leu Gly Pro Phe		
35	40	45	
Gly Asn Gly Trp Val Leu Phe Gly Arg	Asp Lys Pro Ala Phe Ile Ile		
50	55	60	
Ala Arg Pro Gly Asn Gly Glu Ala Pro	Ser Ser Asn Gly Val Thr Ile		
65	70	75	80
Gly Phe Ala Ala Ala Thr Pro Ala Glu	Val Asp Ala Phe His Ala Ala		
85	90	95	
Gly Leu Ala Ala Gly Gly Thr Asp	Glu Gly Gln Pro Gly Pro Arg Gly		
100	105	110	
His Leu Pro Gly Ala Tyr Ala Ala	Tyr Leu Arg Asp Pro Ala Gly Asn		
115	120	125	
Lys Ile Cys Ser Tyr Thr Phe Ile			
130	135		

&lt;210&gt; 10999

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 10999

Thr Leu Thr Thr Ala Gly Arg Thr Phe	Ser Ser Ile Gly Ala Arg Leu		
1	5	10	15
Gly Met Ala Ser Cys Pro Gly Thr Cys	Glu Gly Ser Ala Ala Leu Ala		
20	25	30	
Gly Lys Asp Ala Glu Arg Asp Asn Pro	Thr Leu Asn Ala Lys Ala Leu		
35	40	45	
Asn Ser Trp Phe Phe Phe Ile Asp Ala	Asp Ser Arg Ile Leu Glu		
50	55	60	

65

&lt;210&gt; 11000

&lt;211&gt; 72

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11000

Cys	Tyr	Glu	Arg	Glu	Arg	Phe	Tyr	Gln	Ile	Ser	Leu	Ser	Glu	Asn	Met
1				5					10						15
Pro	Gly	Gln	Arg	Arg	Ala	Asn	Asn	Leu	Lys	Ser	Lys	Leu	Asn	Val	Ile
				20				25						30	
Lys	Met	Met	Leu	Phe	Trp	Trp	Arg	Gly	Arg	Val	Tyr	Cys	Asn	Pro	Leu
				35			40				45				
Leu	Ile	Arg	Cys	Cys	Leu	Gln	Pro	Asp	Ser	Ile	Gln	Val	Lys	Val	Lys
				50			55			60					
Asp	Val	Arg	Pro	Gln	Ile	Leu									
	65				70										

&lt;210&gt; 11001

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11001

Val	Val	Pro	Pro	Tyr	Ala	His	Val	Lys	Arg	Ile	Lys	Ile	Gln	Pro	Ala
1				5				10						15	
Ala	Ser	Leu	Phe	Pro	Gln	Gln	Val	Leu	Met	Arg	Cys	Leu	Met	Gln	Leu
				20				25						30	
Pro	Leu	Ala	Ile	Thr	Ala	Gln	Gly	Glu	Met	Glu	Leu	Ser	Leu	Gln	Leu
				35			40				45				
Met	Gly	Ala	Lys	Arg	Gln	Leu	Ala	Gly	Val	Ala	Ala	Gln	Thr	Val	Leu
				50			55			60					
Arg	Arg	Glu	Asp	Ile	Arg	Arg	Leu	His	Leu	Phe	Gln	Arg			
	65				70					75					

&lt;210&gt; 11002

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11002

Thr	Ser	Glu	Glu	Glu	Lys	Met	Lys	Gln	Gln	Leu	Ser	Thr	Ala	Ser	Asp
1					5				10					15	
Tyr	Asn	Glu	Ala	Cys	Asn	Leu	Leu	Arg	Ser	Gly	Tyr	Val	Lys	His	Val
					20			25			30				
Arg	Leu	Gly	Trp	Asn	Val	Gly	Ser	Asp	Glu	Phe	Phe	Arg	Ile	Ala	Ser
					35		40				45				
Asp	Trp	Cys	Asp	Thr	Gly	Ala	Lys	Ile	Lys	Lys	Glu	Gly	Asp	Asn	Phe
					50		55			60					
Ile	Ile	Ser	Leu	Lys	Gly	Phe	Pro	Ile	Pro	Pro	Gln	His			
	65				70					75					

&lt;210&gt; 11003

&lt;211&gt; 95

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11003

Ile	Lys	His	Val	Phe	Arg	Lys	Asp	Val	Thr	Ile	Met	Val	Thr	Ala	Val
1				5				10					15		
Leu	Asn	Val	Lys	Ile	Asp	Glu	Ala	Leu	Lys	Glu	Arg	Leu	Arg	His	Tyr
				20				25			30				
Ala	Glu	Asp	Asn	Asn	Glu	Asn	Leu	Ser	Val	Thr	Thr	Glu	Lys	Leu	Leu
					35		40			45					
Leu	Leu	Ala	Phe	Glu	Ala	Val	Glu	Glu	Ala	Gly	Val	Ser	Glu	Glu	Asp
					50		55			60					
Val	Asp	Asn	Gln	His	Thr	Glu	Glu	Ser	Val	Thr	Pro	Phe	Thr	Pro	

65	70	75	80
Lys Glu Ile Lys Ala Leu Arg Lys Leu	Leu Lys Lys Arg Lys		
85	90		95

&lt;210&gt; 11004

&lt;211&gt; 72

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11004

Thr Val Thr Lys Gln Leu Ile Lys Val Ala Thr Gly Gly Ala Phe Lys			
1 5 10 15			
His Val His Phe Gln Leu Arg Gln His Ile His Arg Ala Lys Arg Ala			
20 25 30			
Asn Met Cys Asn Gln Val Ser Ser Leu Trp Asp Asp Tyr Arg Leu Ser			
35 40 45			
Leu Leu Ile Thr Ile Ala Leu Ala Tyr Asp Val Ser Gln His Phe Gly			
50 55 60			
Arg Asn Thr Ala Arg Ile Leu			
65 70			

&lt;210&gt; 11005

&lt;211&gt; 87

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11005

Ser Ile Phe His His Phe Gly Leu Met Pro Gln Thr Thr Phe Pro Thr			
1 5 10 15			
Pro Val Asn Val Val Phe Leu His Gly Glu Arg Thr Gly His Ser Phe			
20 25 30			
Ile Tyr Phe Ser Arg His Tyr Lys Thr Ala Ser Gly Arg Thr Lys Thr			
35 40 45			
Lys His Lys Ser Leu Ile Leu Ile Thr Leu Gln Val Leu Tyr Arg Met			
50 55 60			
Asn Gln Ala Lys Ala Met Phe Gln Glu Cys Asn Asn Glu Tyr Ile Lys			
65 70 75 80			
Pro Arg Gly Glu Gln Arg			
85			

&lt;210&gt; 11006

&lt;211&gt; 81

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11006

Arg Phe Thr Thr Leu Arg Ala Glu Tyr Arg Pro His Ile Val Lys Ile			
1 5 10 15			
Phe Ile Leu Leu Ala His Lys Ser Ser Gly Gly Arg His Lys Ile Gly			
20 25 30			
Ile Gly Ala Pro Arg Val Asp Ile Gln Thr Ala Ala Thr Gly Val Ala			
35 40 45			
Gly Val Asn Ala Gln Leu Phe Gly Leu Ala Glu Thr Leu Asp Val Val			
50 55 60			
Glu Asp Ala Leu His Ala Leu Leu Val Glu Phe Val Val Met Thr Glu			
65 70 75 80			

&lt;210&gt; 11007

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11007

Gly	Asn	Gln	Asn	Glu	Arg	Phe	Val	Phe	Gly	Phe	Gly	Thr	Ala	Arg	Ser
1				5				10				15			
Arg	Phe	Ile	Val	Thr	Gly	Lys	Val	Tyr	Glu	Gly	Val	Thr	Gly	Ser	Leu
		20					25					30			
Thr	Val	Gln	Glu	His	Asn	Ile	Asp.	Gly	Arg	Gly	Glu	Arg	Gly	Leu	Gly
		35				40			45						
His	Lys	Pro	Lys	Val	Val	Glu	Asp	Thr	Ser	Arg	Asn				
		50			55			60							

&lt;210&gt; 11008

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11008

Ser	Thr	Leu	Leu	His	Pro	Glu	Ala	Phe	Leu	Arg	Arg	His	Pro	Asp	Val
1					5				10			15			
Ser	Leu	Val	Arg	Asn	Ala	Ile	Ile	Leu	Met	Phe	Val	Ser	Arg	Val	Gly
		20					25					30			
Ile	Leu	Ser	Thr	Gln	Ile	Glu	Ser	Ala	Ile	Leu	Leu	Arg	Leu	Thr	Thr
		35				40			45						
His	Leu	Val	Ser	Asn	Val	Ser	Gln	Ala	Lys	Arg	Gly	Ile	Ser	Phe	Gln
		50			55			60							
Lys	Thr	Thr	Asn	Leu	Leu	Lys	Glu	Lys	Leu	Ile	Leu	Ile			
		65			70				75						

&lt;210&gt; 11009

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11009

Cys	Pro	Glu	Ala	Asp	Ser	Pro	Arg	Asn	Val	Asn	Pro	Ser	Thr	His	Phe
1				5				10			15				
Thr	Arg	Ala	Cys	Ile	Phe	Thr	His	Ser	Asn	Val	Ala	Phe	Phe	Met	Thr
			20			25			30						
Asp	Tyr	Val	Tyr	Val	Thr	Phe	Leu	Ala	Thr	Glu	Gly	Asp	Leu	Arg	His
		35			40			45							
Ala	Glu	Ala	Arg	His	Gln	Glu	Thr	Arg	Gly	Glu	Ser	Tyr	Ala	Lys	Thr
		50			55			60							
Leu	Trp	Met	Leu	Gln											
		65			70										

&lt;210&gt; 11010

&lt;211&gt; 81

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11010

Gln	Ile	Thr	Cys	Thr	Leu	His	Phe	Ser	Gln	Arg	Lys	Ala	Thr	Cys	Val
1				5				10			15				
Met	Leu	Lys	Arg	Asp	Thr	Arg	Arg	His	Ala	Ala	Lys	Ala	Met	Leu	Lys
			20			25			30						
His	Ser	Gly	Cys	Tyr	Ser	Asn	Thr	Leu	Thr	Leu	His	Met	Tyr	Ala	Glu
		35			40			45							
Asp	Ile	Lys	Leu	Tyr	Trp	Leu	Arg	Asn	Val	Thr	Thr	Ala	Asp	Phe	Pro
		50			55			60							

Gly	Met	Gly	Lys	Asn	Ser	Ile	Ala	Thr	Pro	Glu	Ser	Gly	Cys	Ile	Leu
65															80
70                    75															

<210> 11011  
<211> 69  
<212> PRT  
<213> Enterobacter cloacae

<400> 11011  
Arg Lys Met Ala Val Arg Lys Arg Phe Ile Ala Gly Ala Lys Cys Pro  
1                        5                        10                        15  
Ser Cys Gln Ala Gln Asp Thr Leu Ala Met Trp Arg Glu Asn Asn Ile  
20                      25                        30  
Asp Ile Val Glu Cys Val Lys Cys Gly His Gln Met Arg Glu Ala Asp  
35                      40                        45  
Lys Glu Ala Arg Asp His Val Arg Lys Glu Glu Gln Val Ile Gly Ile  
50                      55                        60  
Phe His Pro Asp  
65

<210> 11012  
<211> 88  
<212> PRT  
<213> Enterobacter cloacae

<400> 11012  
Ile Phe Phe Gln Asp Arg Ile Ile Phe Leu Ala Thr Glu Ile Leu Phe  
1                        5                        10                        15  
Ser Ile Ser Ala Ile Leu Ala Ile Lys Lys Lys Asn Leu Thr Val Asn  
20                      25                        30  
Phe Pro Glu Leu Arg Pro Ile Thr Pro Leu Phe Val Leu Arg Val Val  
35                      40                        45  
Thr Leu Arg Asn Lys Tyr Gly Lys Tyr Phe Tyr Val Gly Ser Arg Ile  
50                      55                        60  
Arg Phe Ala Val Arg Arg His Ser Gly Gln Ser Asp Arg Cys Thr Lys  
65                      70                        75                        80  
Ser Thr Ala Asp Ala Asp Leu  
85

<210> 11013  
<211> 74  
<212> PRT  
<213> Enterobacter cloacae

<400> 11013  
Met Lys Gln Ser Ser Leu Ile Asn Thr Thr Pro Gly Leu Trp Ala Ser  
1                        5                        10                        15  
Gln Ala Ala Ala Ser Ser Ser Thr Val Cys Ala Ser Leu Met Ser Leu  
20                      25                        30  
Phe Leu Thr Pro Leu Leu Ala Lys Tyr Pro Val Asn Pro Ser Arg Val  
35                      40                        45  
Tyr Leu His Lys Ser Ile Met Ile Val Asp Met Ala Tyr Pro His Ser  
50                      55                        60  
Met Arg Asn Asp Asn Ser Pro Pro Ala  
65                      70

<210> 11014  
<211> 155  
<212> PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11014

Gly	Lys	Trp	Ser	Met	Lys	Thr	Leu	Ile	Ser	Leu	Thr	Ala	Leu	Leu	Gly
1				5					10						15
Leu	Ala	Ser	Ala	Ser	Ala	Phe	Ala	Ala	Thr	Ala	Pro	Glu	Cys	Val	Lys
						20			25						30
Ala	Asp	Asn	Gln	Gln	Ile	Glu	Ala	Leu	Phe	Asp	Lys	Trp	Asn	Ala	Ser
					35			40			45				
Leu	Gln	Thr	Gly	Asp	Ala	His	Lys	Val	Ala	Asp	Asn	Tyr	Leu	Ser	Asp
					50		55			60					
Ala	Val	Leu	Leu	Pro	Thr	Ile	Ser	Asn	Gln	Val	Arg	Leu	Thr	Asp	Lys
					65		70			75					80
Glu	Arg	Val	Asp	Tyr	Phe	Glu	Asp	Phe	Leu	Lys	Lys	Lys	Pro	Phe	Gly
					85			90							95
Lys	Ile	Asp	Ser	Arg	Thr	Ile	Arg	Leu	Gly	Cys	Asn	Lys	Ala	Ile	Asp
					100			105			110				
Thr	Gly	Thr	Tyr	Thr	Phe	Thr	Phe	Ala	Asp	Lys	Thr	Ser	Val	Thr	Ala
					115			120			125				
Arg	Tyr	Thr	Phe	Thr	Tyr	Ala	Trp	Asp	Gly	Lys	Ala	Trp	Lys	Ile	Ser
					130		135			140					
Ser	His	His	Ser	Ser	Ala	Met	Pro	Glu	Gly						
					145		150			155					

&lt;210&gt; 11015

&lt;211&gt; 265

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11015

Asn	Val	Gly	Leu	Gly	Thr	Ser	Ala	Ile	Leu	Asn	Ala	Arg	Ser	Asn	Glu
1					5				10						15
Thr	Tyr	Pro	Ala	Asp	Gly	Val	Leu	Thr	Val	Gly	Gln	Phe	Gly	Ile	Gly
					20			25							30
Ala	Asp	Trp	Leu	Pro	Leu	Thr	Thr	Asp	Phe	Lys	Thr	Ile	Glu	Lys	Gly
					35			40			45				
Gly	Ile	Tyr	Ala	Gly	Gly	Gly	Ala	Thr	Gly	Val	Asn	Phe	Phe	Asn	Pro
					50		55			60					
Tyr	Ala	Pro	Val	Leu	Val	Met	Cys	Arg	Tyr	Ala	Thr	Ser	Ala	Met	Gln
					65		70			75					80
Ala	Leu	Gln	Ala	Asp	Asn	Thr	Thr	Leu	Ala	Phe	Asn	Val	Lys	Asp	Ala
					85			90			95				
Asn	Gly	Trp	Arg	Gly	Trp	Val	Lys	Leu	Tyr	Ser	Glu	Tyr	Asn	Thr	Ile
					100			105			110				
Arg	Ala	Ser	Asp	Gly	Thr	Leu	Lys	Ala	Ala	Ser	Pro	Val	Ile	Lys	Val
					115			120			125				
Phe	Ser	Asp	Gly	Thr	Tyr	Gln	Thr	Asn	Asp	Glu	Ser	Glu	Gly	Cys	Thr
					130		135			140					
Val	Thr	Arg	Leu	Ala	Thr	Gly	Gln	Tyr	Leu	Val	Glu	Gly	Cys	Gln	Gly
					145		150			155					160
Leu	Asn	Ser	Asp	Ala	Ala	Trp	Gly	Gly	Ile	Asp	Gly	Gly	Phe	Asp	Ile
					165			170			175				
Pro	Thr	Asp	Arg	Asn	Lys	Gln	Pro	Leu	Ile	Trp	Leu	Asp	Tyr	Glu	Val
					180			185			190				
Asn	Ala	Val	Gly	Ser	Val	Leu	Val	Lys	Thr	Tyr	His	Arg	Thr	His	Pro
					195			200			205				
Asp	Ala	Pro	Ala	Phe	Ala	Arg	Asn	Glu	Leu	Glu	Gly	Val	Gly	Asp	Gly
					210			215			220				
Asp	Pro	Val	Asp	Ile	Pro	Arg	Asp	Gln	Phe	Val	Ser	Val	Arg	Val	Glu
					225			230			235				240
Met	Pro	Ala	Asp	Ser	Leu	Tyr	Asn	Gln	Lys	Ile	Arg	Ala	Ala	Glu	Leu

6058

245

250

255

Ala Met Thr Ala Asp Ala Gly Glu  
260 265

<210> 11016

<211> 62

<212> PRT

<213> Enterobacter cloacae

<400> 11016

Cys Leu Glu Asn Ser Ser Ser Phe Ala Ala Pro Tyr Tyr Trp Asp Asp  
1 5 10 15  
Ser Gln Leu Ile Thr Arg Ala Gln Lys Leu Lys Leu Phe Val Ser Asp  
20 25 30  
Ile Ala Thr Ile Pro Glu Asn Asn Lys Ile Gln Pro Leu Arg Pro Ser  
35 40 45  
Phe Ser Gln Ile Ser Ile Lys Ala Ile Asn Gly Val Arg  
50 55 60

<210> 11017

<211> 113

<212> PRT

<213> Enterobacter cloacae

<400> 11017

Pro Asp Gln Gln Arg Gly Arg Ser Ala Gly Lys Val Ser Thr Pro Gly  
1 5 10 15  
Val Lys Phe Leu Met Ser Leu Ala Leu Arg Met Gly Arg Thr Leu Ser  
20 25 30  
Glu Leu Arg His Asn Met Thr Ala Ser Glu Leu Leu Met Trp Ile Glu  
35 40 45  
Tyr Asn Arg Gln Ser Pro Val Gly Asp Ile Arg Gly Asp Ile Gln Ala  
50 55 60  
Ala Gln Ile Val Ser Ala Ile Tyr Gly Ser Gln Gly Ala Lys Val Pro  
65 70 75 80  
Leu Asp Asp Ala Ile Leu Arg Trp Gly Gly Glu Glu Gln Ser Glu Pro  
85 90 95  
Asn Asp Pro Phe Ala Gly Leu Glu Ala Ala Leu Thr Ala Ala Thr Gln  
100 105 110

<210> 11018

<211> 117

<212> PRT

<213> Enterobacter cloacae

<400> 11018

Cys Trp Gly Thr Lys Met Glu Ile Leu Leu Val Ser Ile Val Ile Gly  
1 5 10 15  
Leu Ile Pro Ala Leu Ile Ala Gln Ser Lys Gly Arg Ser Phe Phe Ala  
20 25 30  
Trp Trp Val Tyr Gly Ala Leu Leu Phe Ile Ile Ala Phe Val His Ser  
35 40 45  
Leu Val Ile Lys Lys Asp Val Ala Ala Glu Glu Lys Asp Leu Ile Glu  
50 55 60  
Asn Asp Gly Met Lys Lys Cys Pro Phe Cys Ala Glu Leu Ile Lys Ser  
65 70 75 80  
Glu Ala Ile Lys Cys Lys His Cys Gly Ser Asp Leu Ala Val Asp Ser  
85 90 95  
Pro Pro Val Lys Thr Asp Glu Glu Tyr Leu Glu Ala Arg Gln Lys

100  
 Val Trp Lys Gln  
 115

105

110

<210> 11019  
 <211> 74  
 <212> PRT  
 <213> Enterobacter cloacae

<400> 11019  
 Gly Gly Lys Ser Tyr Cys Gly Ser Cys Cys Leu Thr Val Val Lys Arg  
 1 5 10 15  
 Val Leu Phe Ile Asp Val Leu Cys Asp Thr Asp Lys Gln Pro Val Phe  
 20 25 30  
 Ser Val Asp Glu Glu Glu Gln Val Arg Glu Ile Tyr Gly Pro Val His  
 35 40 45  
 Ser Arg Leu Leu Lys Gln Ala Leu Asp Leu Ile Asn Asn Ala Asp Glu  
 50 55 60  
 Ala Arg Glu Lys Ser Gln Pro Pro Ala  
 65 70

<210> 11020  
 <211> 149  
 <212> PRT  
 <213> Enterobacter cloacae

<400> 11020  
 Gln Glu Asp Leu Leu Lys Gly Met Met Arg Asp Val Trp Gly Leu Thr  
 1 5 10 15  
 Val Val Glu Phe Ile Ala Ile Lys Arg Asn Leu Glu Asn Ile Ser Asp  
 20 25 30  
 Thr Trp Ser Asp Leu Trp Ala Met Leu Tyr Leu Ser Gln Ala Lys Pro  
 35 40 45  
 Gly Gln Leu Leu Gly Ala Lys Phe Asp Asp Val Ser His Asp Ile Leu  
 50 55 60  
 Val Leu Ser Ala Thr Lys Gly Leu Arg Glu Arg Cys Ile Ala Leu Lys  
 65 70 75 80  
 Pro Gly Val Lys Arg Ile Leu His Ser Arg Arg Glu Lys Tyr Pro Glu  
 85 90 95  
 Asp Val Phe Leu Phe Gln Ser His Ser His Arg Thr Lys Thr Thr Pro  
 100 105 110  
 Arg Pro Val Thr Leu Val Ala Phe Asn Ala Ala Leu Lys Arg Ala Ser  
 115 120 125  
 Ile Gly Val Thr Ala Lys Thr Val Ser Ser Lys Ser Ala Tyr Tyr Leu  
 130 135 140  
 Thr Pro Leu Arg  
 145

<210> 11021  
 <211> 131  
 <212> PRT  
 <213> Enterobacter cloacae

<400> 11021  
 Gly Phe Arg Ser Gly Glu Ser Arg Glu His Gly Asn Gly Arg Pro Leu  
 1 5 10 15  
 Thr Glu Pro Leu Phe Phe Gln Glu Asp Trp Met Ala Glu Tyr Gly Val  
 20 25 30  
 Gln Thr Trp Asp Ala Ser Gly Lys Val Asn Asn Tyr Gly Val Lys Pro  
 35 40 45  
 Val Ser Val Cys Gly Tyr Leu Gln Leu Ala Gln Asn Gln Lys Thr Gly

50	55	60	
Ser Tyr Thr Val Ala Leu Pro Pro Gly Cys Arg Leu Thr Tyr Phe Gln			
65	70	75	80
Ser Met Asn Gly Asp Gln Phe Gly Thr Ser Arg Arg Lys Ile Thr Ile			
	85	90	95
Ser Gly Gly Thr Ala Thr Val Ser Ala Ala Gly Asp Thr Asp Tyr Ser			
	100	105	110
Ala Gly Thr Glu Pro Ala Ala Ala Ala Tyr Leu Ile Phe Gln Ile Glu			
	115	120	125
Arg Ala			
	130		

<210> 11022

<211> 224

<212> PRT

<213> Enterobacter cloacae

<400> 11022

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Met Ala Glu Tyr Gly Val Leu Leu Thr Thr Ser Gly Glu Val Trp
1 5 10 15
Val Thr Ala Asn Ser Ser Pro Ile Ala Leu Gln Ala Arg Lys Thr Ala
20 25 30
Ala Leu Gln Gly Thr Ser Gly Phe Asn Thr Lys Val Thr His Thr Phe
35 40 45
Pro Ala Gly Gln Pro Val Val Ala Phe Val His Cys Thr Val Glu Val
50 55 60
Glu Ile Thr Gln Thr Ile Ser Gly Asn Thr Ile Thr Ile Asp Phe Leu
65 70 75 80
Arg Pro Asn Ala Thr Gly Thr Ala Tyr Val Tyr Phe Phe Ser Ile Phe
85 90 95
Pro Gln Thr Lys Pro Asp Tyr Gly Leu Ala Val Trp Asp Ala Ser Gly
100 105 110
Thr Leu Ile Leu Thr Asn Glu Thr Arg Thr Leu Ser Asp Val Val Thr
115 120 125
Leu Gly Thr Ala Gly Val Asp Ala Ser Ser Gly Tyr Asn Ile Asn Thr
130 135 140
Thr Leu Ala Gly Lys Trp Ala Cys Met Pro Ala Met Leu Gly Leu Ile
145 150 155 160
Thr Gly Val Val Ser Ala Gly Gly Gln Pro Gln Pro Tyr Ser Ala Ile
165 170 175
Tyr Lys Ser Met Ala Lys Leu Glu Gly Ser Asn Thr Arg Ile Phe Ala
180 185 190
Arg Pro Gln Thr Thr Pro Gly Gly Asn Leu Gln Asn Val Ala Tyr Ser
195 200 205
Asn Leu Arg Asn Val Ile Met Ala Ile Asn Cys Ala Asn Tyr Asp
210 215 220

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<210> 11023

<211> 449

<212> PRT

<213> Enterobacter cloacae

<400> 11023

Ala	Pro	Thr	Arg	Ser	Pro	Ala	Pro	Pro	Ala	Thr	Asn	Pro	Phe	Asn	Phe
1				5					10					15	
Glu	Gln	Thr	Pro	Leu	Arg	Arg	Gly	Phe	Leu	Leu	Pro	Gly	Glu	Asn	Met
			20					25					30		
Leu	Tyr	Asn	Thr	Gly	Thr	Ile	Ala	Ile	Asn	Gly	Asn	Thr	Ala	Thr	Gly
			35					40				45			
Thr	Gly	Thr	Asn	Phe	Thr	Ala	Ala	Gly	Ser	Leu	Ile	Arg	Asn	Gly	Cys
	50				55					60					

Thr Val Ile Ala Met Thr Ser Pro Val Gln Val Phe Gln Ile Thr Thr  
 65 70 75 80  
 Ile Gly Ser Ala Thr Ser Leu Thr Val Thr Pro Ala Ala Asn Pro Ala  
 85 90 95  
 Val Pro Ala Gly Thr Arg Phe Ala Ile Leu Leu Ser Asp Ser Leu Ser  
 100 105 110  
 Val Asp Gly Leu Ala Gln Asp Ile Ala Glu Thr Phe Thr Met Tyr Gln  
 115 120 125  
 Arg Tyr Met Ser Gly Phe Ala Asp Val Met Asn Gly Thr Ser Asp Val  
 130 135 140  
 Thr Ile Thr Ile Asn Gly Thr Val Val Thr Val Pro Gly Gln Lys Ser  
 145 150 155 160  
 Leu Ala Lys Lys Gly Ala Asn Ser Asp Ile Thr Ser Leu Ser Gly Leu  
 165 170 175  
 Lys Thr Ala Leu Ser Ile Gly Gln Gly Thr Gly Ala Thr Asn Ala  
 180 185 190  
 Ala Asp Ala Arg Thr Asn Leu Gly Leu Asp Lys Thr Val Asn Thr Glu  
 195 200 205  
 Gly Asn Gln Ser Ile Ser Gly Glu Lys Asn Phe Thr Gly Pro Leu Lys  
 210 215 220  
 Ile Thr Ala Ala Tyr Pro Gln Ile Thr Leu Trp Ser Thr Ala Gln Pro  
 225 230 235 240  
 Asn Gly Thr Tyr Gly Arg Val Val Thr Phe Gly Ser Glu Gly Asn Lys  
 245 250 255  
 Thr Phe Ile Ala Ala Arg Gln Trp Glu Gly Gly Asn Asn Thr Cys Val  
 260 265 270  
 Thr Tyr Leu Pro Thr Phe Lys Asp Gly Tyr Phe Thr Phe Trp Thr Thr  
 275 280 285  
 Ser Asn Thr Thr Val Thr Ser Asp Gly Thr Ile Lys Gln Ala Ser Pro  
 290 295 300  
 Ile Ala Arg Ile Val Lys Ser Gln Glu Glu Asn Arg Arg Thr Asp Val  
 305 310 315 320  
 Glu Asn Asp Gly Phe Thr Trp Cys Gly Cys Gly Thr Val Asn Ala Glu  
 325 330 335  
 Ala Glu Gly Val Ser Ile Ser Arg Leu Asp Thr Gly Val Tyr Glu Leu  
 340 345 350  
 Thr Gly Ser Ala Gly Leu Ala Ser Asp Gly Trp Gln Leu Leu Pro Pro  
 355 360 365  
 Met Asp Pro Gly Gly Met Gly Glu Met Gly Val Val Glu Ala Glu Gln  
 370 375 380  
 Thr Glu Ser Gly Gly Leu Ile Ile Arg Leu Tyr Lys Gln Lys Tyr Met  
 385 390 395 400  
 Leu Ser Asp Gly Gly Glu Ile Val Lys Thr Lys Gly Glu Pro Met Asp  
 405 410 415  
 Val Pro Val Ser Ser Trp Ile Asp Val Arg Leu Asp Met Pro Thr Asp  
 420 425 430  
 Ser Val Phe Lys Arg Ser Gln Gln Arg Leu Gln Ser Asp Glu Glu Ser  
 435 440 445

&lt;210&gt; 11024

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11024

Lys Ser Arg His Asn Ser Asp Asn Lys Gly Trp Val Lys Ile Gln Cys  
 1 5 10 15

Lys Ser Arg Val Lys Phe Gly Cys Lys Ser Thr Asp Ile Asp Asn Leu  
 20 25 30

Ser Arg Asn Gln Asp Ile Ala Val Gly Leu Gln Val Ile Leu Lys Pro  
 35 40 45  
 Arg Ala Arg Pro Thr Pro Thr Trp Thr Ser Met Pro Glu Arg Thr Leu  
 50 55 60  
 Asp Phe Glu Phe  
 65

&lt;210&gt; 11025

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11025

Ala Thr Gln Val Arg Val Ala Val Glu Pro Gln Leu Gly Ala Pro Leu  
 1 5 10 15  
 Arg Ser Arg Gly Met Ala Ala Ser Leu Asp Gln Arg Gly Ala Asp Thr  
 20 25 30  
 Pro Ala Arg Met Cys Pro Ser His Arg Glu Leu Val Gln Ile Cys Gly  
 35 40 45  
 Leu Pro Leu Glu Gly Val Gly Pro Glu Leu Gly Ile Leu Gly Arg Gln  
 50 55 60  
 Gly Ala Thr Ala Asp Asp Ala Val Ala Ala Thr Arg Asp  
 65 70 75

&lt;210&gt; 11026

&lt;211&gt; 108

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11026

Leu Ala Asn Ala Val Ser Arg Trp Val Leu Arg Phe Asn His Leu Ala  
 1 5 10 15  
 Leu Gln Ile Leu Ala Asn Gly Val Pro Gly Gln Ala Ala Ser Ser Gly  
 20 25 30  
 Tyr Phe Pro Asn Arg Arg Thr Ile Ala Lys Met Pro Ala Ser Asn Cys  
 35 40 45  
 Ala Gln Tyr Arg His Val Tyr His Ser Leu Ile Ser Pro Ala Ile Ser  
 50 55 60  
 Arg Arg Glu Thr Val Ser Tyr Val Gly Gln Ile Ser Thr Gln Ile Phe  
 65 70 75 80  
 Thr Leu Ser Trp Gly Ala Asp Lys Ile Leu Asp Tyr Phe Arg Ser Ser  
 85 90 95  
 Ser Cys Ile Arg Met Lys Ile Ala Phe Glu Pro  
 100 105

&lt;210&gt; 11027

&lt;211&gt; 387

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11027

Asn Cys Ala Ala Gly Leu Ala Ser Arg Val Arg Val Ser Leu Gln Met  
 1 5 10 15  
 Pro Phe His Ser Glu Phe Leu Glu Lys Ile Lys Met Gln Pro His Asp  
 20 25 30  
 Thr Phe Thr Gly Ser Tyr Gln Pro Gly Asp Val Glu Phe Leu Leu Lys  
 35 40 45  
 Pro Val Val Ile Glu Met Thr Pro Val Glu Gln Lys Glu Glu Leu Ile  
 50 55 60  
 Gln Ser Gly Lys Lys His Tyr Ser Asp Met Leu Ser Gln Glu Pro Ala  
 65 70 75 80

Pro Thr Gln Trp His Leu Asp Leu Phe His Arg Ala Leu Asp Arg Gly  
                   85                 90                 95  
 Ala Glu Arg Leu Ala Lys Glu Val Thr Gln Leu Ala Ile Ala Leu Ala  
                   100             105             110  
 Glu Arg Phe Gly Asp Glu Pro Ile Val Leu Ala Ser Leu Val Arg Ala  
                   115             120             125  
 Gly Val Pro Leu Gly Val Met Leu His Gln Ala Leu Arg Asp Met Gly  
                   130             135             140  
 Lys Thr Ser Trp His Tyr Gly Ile Ser Ile Ile Arg Asp Arg Gly Ile  
                   145             150             155             160  
 Asp Gly Ala Ala Leu Asp Val Ile Glu Glu Arg His Gly Thr Ser Gly  
                   165             170             175  
 Ile Val Phe Val Asp Gly Trp Thr Gly Lys Gly Ala Ile Thr Gly Glu  
                   180             185             190  
 Leu Val Arg Ala Leu Lys Asp Arg Pro Gly Tyr Pro Glu Gln Pro Arg  
                   195             200             205  
 Leu Val Val Leu Ala Asp Pro Cys Gly Cys Ser Trp Leu Ala Ala Ser  
                   210             215             220  
 Asp Asp Asp Trp Leu Ile Pro Phe Gly Ile Met Gly Ala Pro Val Ser  
                   225             230             235             240  
 Gly Leu Ile Ser Arg Ser Val Trp Ser Ser Glu Gly Leu His Gly Cys  
                   245             250             255  
 Met Val Cys Glu His Leu Ser Glu Phe Glu Cys Ser Arg Met Leu Val  
                   260             265             270  
 Asp Thr Val Ala His Phe Arg Lys Lys Leu Thr Pro Ser Ser Leu Ala  
                   275             280             285  
 Thr Leu Ser Trp Asn Met Glu Ser Ala Arg Val Leu Trp Gln Thr Ser  
                   290             295             300  
 Arg Asp Val Ile Ala Phe Leu Ala Asp Glu Phe Lys Val Asp Ser Val  
                   305             310             315             320  
 Asn Arg Ile Lys Pro Gly Ile Ala Glu Ala Thr Arg Ala Val Leu Arg  
                   325             330             335  
 Arg Val Pro Asp His Val Phe Val Arg Ser Ile Asp Asp Pro Asp Val  
                   340             345             350  
 Ala Leu Leu Val Gly Leu Ala Arg Glu Lys Gly Ile Val Val Thr Glu  
                   355             360             365  
 Met Gly Gly Thr Leu Gly Gln Tyr Arg Ala Val Thr Ile Ile Lys Lys  
                   370             375             380  
 Val Leu  
 385

&lt;210&gt; 11028

&lt;211&gt; 555

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11028

Leu Arg Arg Lys Gln Arg Glu Arg Leu Met Ser Gln Asn Ala Leu Leu  
 1                  5                 10                 15  
 Glu Glu Lys Ile Ile Arg Leu Val Leu Ser Glu Leu Gly His Pro Val  
                   20             25             30  
 Glu Gly Glu Arg Leu Leu Leu Ser Gln Asp Pro Ser Leu Thr Glu  
                   35             40             45  
 Glu Ile Met Arg Leu Lys Glu Arg Ile Glu Ser Leu Ala Gln Gly Leu  
                   50             55             60  
 Ser Ala Arg Val Ser Glu Gly Asp Asn Asp Ala Glu Ile Ala Ala Ser  
                   65             70             75             80  
 Ser Ala Ser Ser Leu Ser Asp Gln Gln Gln Thr Val Val Ser Val Ala  
                   85             90             95  
 Asp Asn Pro Gly Ile Asp Ala Thr Asp Thr Ser Ala Leu Gln Pro Leu  
                   100            105             110

Pro Glu Asn Glu Pro His Pro Pro Phe Trp Lys Leu Met Pro Tyr Tyr  
 115 120 125  
 Glu Phe Asp Lys Pro Ala Gln Arg Glu Asp Glu Asn Leu Ser Ser Leu  
 130 135 140  
 Val Leu Lys Pro Gly Gln Ile Pro Thr Gly Gln Gln Arg Ala Ser Leu  
 145 150 155 160  
 Ala Val Pro Pro Ala Val Pro Pro Arg Ala Lys Ile Thr Ile Pro Asn  
 165 170 175  
 Ala Arg Ala Gly Glu Arg Phe Ser Ser Pro Val Ala Ile Val Leu Gly  
 180 185 190  
 Glu Gly Gln Gln Ala Thr Val Arg Asp Val Val Phe Pro Arg Asn Ile  
 195 200 205  
 Gly Leu Ser Phe Asp Lys Glu Gln Glu Leu Leu Thr Gly Thr Pro Thr  
 210 215 220  
 Glu Ser Gly Asp Ile Glu Leu Ser Val Ile Trp Ser Cys Thr Ser His  
 225 230 235 240  
 Asp Glu Cys Glu Thr Lys Gln Leu Phe Ile Ile Asn Pro Asp Pro Arg  
 245 250 255  
 Ser Leu Trp Lys Val Val Glu Pro Pro Ala Asp Ala Pro Tyr Pro Lys  
 260 265 270  
 Ser His Leu Asp Ala Ala Gly Leu Val Arg Gly Asp Ile Arg Ile Ala  
 275 280 285  
 Ala Ala Ser Arg Arg Gly Arg Ser His Glu His Ala Gly Ser Phe Arg  
 290 295 300  
 Asp Asp Asp Phe Tyr Ile Asn His Cys Gln Glu Thr Gly Trp Ser Val  
 305 310 315 320  
 Met Leu Val Ala Asp Gly Ala Gly Ser Ala Val Asn Ser Arg Glu Gly  
 325 330 335  
 Ser Arg Ile Ala Val Lys Thr Ala Gly Asp Tyr Leu Leu Asn Gln Leu  
 340 345 350  
 Ser Gly Val Lys Gly Val His Leu Lys Gln His Ile Thr Ala Trp Glu  
 355 360 365  
 Gly Ser Asp Gln Gln Ala Thr Ile Asn Ala Met Leu His His Phe Lys  
 370 375 380  
 Gln Ala Ala Thr Leu Ala Val Asn Ser Ile Gln Asn Glu Ala Ile Cys  
 385 390 395 400  
 Ala Glu Gln Pro Val Lys Ser Tyr Ser Thr Thr Leu Leu Ala Thr Val  
 405 410 415  
 Ala Leu Arg Thr Asp Asn Glu Leu Phe Ala Ala Ala Phe Trp Leu Gly  
 420 425 430  
 Asp Gly Ala Ile Gly Ala Tyr Ser Pro Ser Gly Lys Val Arg Ile Leu  
 435 440 445  
 Gly Asn Pro Asp Ser Gly Glu Tyr Ala Gly Gln Thr Arg Phe Leu Asp  
 450 455 460  
 Gln Ser Ile Ile Ala Asp Pro Ser Phe Ser Gly Arg Ile Ser Val Gly  
 465 470 475 480  
 Lys Trp Asn Asp Val Ser His Leu Ile Leu Met Thr Asp Gly Val Ser  
 485 490 495  
 Asp Pro Leu Phe Glu Thr Asp Asn Gly Leu Arg Ser Asp Glu Lys Trp  
 500 505 510  
 Thr Arg Leu Val Asp Glu Leu Asn Pro Val Leu Thr Asp Ala Ser Ile  
 515 . 520 525  
 Ala Pro Glu Arg Leu Gly Asp Trp Leu Asn Phe Phe Ser Thr Gly Asn  
 530 535 540  
 His Asp Asp Arg Thr Ile Ala Val Leu Trp  
 545 550 555

&lt;210&gt; 11029

&lt;211&gt; 76

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11029  
 Phe Glu Lys Arg Gly Val Cys Pro Glu Leu Leu Pro Gly Ile Cys Leu  
 1 5 10 15  
 Ser Arg Gly Glu Pro Phe Phe Met Phe Phe Cys Phe Lys Leu Pro Val  
 20 25 30  
 Cys Ile Leu Phe Gly Pro Gly Arg Pro Leu Leu Leu Val Pro Val Leu  
 35 40 45  
 Ser Lys Gly Ile Leu Thr Leu His Ile Asn Gln Leu Leu Leu Pro Pro  
 50 55 60  
 Ala Lys Ile Phe Gly Val Ala Leu Ser Phe Ser  
 65 70 75

&lt;210&gt; 11030

&lt;211&gt; 247

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11030  
 Arg Leu His Leu Phe Val Lys Val Asn Asp Leu Cys Val Ala Val Phe  
 1 5 10 15  
 Leu Asp Arg Asp Arg Ser Ile Ser Ala Lys Leu Thr Phe Asp His Leu  
 20 25 30  
 His Pro Ser Glu Arg Val Ala Ala Leu Arg Ile Asp Leu Pro Asp Ile  
 35 40 45  
 Glu Tyr Glu Ile Ser Gln Val Gln Leu Gly Arg Arg Lys Thr Thr Tyr  
 50 55 60  
 Ser Glu Cys Ile Glu Ser Leu Ile Ile Asp Glu Thr Ser Ser Arg Glu  
 65 70 75 80  
 Trp Leu Tyr His Pro Leu Met His Glu Leu Glu Ser Glu Pro Leu Gln  
 85 90 95  
 Glu Tyr Arg Gly Arg Glu Pro Ser Glu Glu Gly Pro Leu Leu Gln Arg  
 100 105 110  
 Leu Ala Asp Cys Lys Met Lys Leu Pro Asp Ile Leu Pro Gly Ser His  
 115 120 125  
 Asn Ala Leu Val Arg Leu Gln Gln Asp Thr Ile Val Cys Leu Cys Arg  
 130 135 140  
 Leu Thr Val Arg Ala Tyr Asp Ile Ala Gln Thr Asp Glu Phe Pro Leu  
 145 150 155 160  
 Phe Leu Arg Tyr Phe Arg Leu His Cys Leu Glu Asn Ser Glu His Val  
 165 170 175  
 Ser Tyr Glu Arg Leu Ile Cys Trp Gln Glu Met Ile Ser Lys Thr Gln  
 180 185 190  
 Glu Gly Gln Ser Leu Thr Gln Asn Glu Leu Glu Tyr Leu His Glu Ile  
 195 200 205  
 Val Arg Ile Ala Leu Tyr Asn His Arg Leu Asn Asn Val Ser Ile Ser  
 210 215 220  
 Asp Val Lys Asn His Asp Thr Gly Lys Glu Ser Ser Arg Val Glu Pro  
 225 230 235 240  
 Gln Asn Tyr Ser Leu Leu  
 245

&lt;210&gt; 11031

&lt;211&gt; 87

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11031  
 Thr Arg Ser Phe Arg Ser Gly Leu Ser Ser Ser Ala Ile Arg Val Phe  
 1 5 10 15  
 Thr Phe Phe Ala Ala Ala Ser Val Asn Ser Ser Gly Asn Ala Thr Ser

20	25	30
Ser Leu Ile Leu Cys Ser His Glu Tyr Cys Asp Cys Tyr Trp Ala Lys		
35	40	45
Ile Thr Gln Phe Phe Leu Ser Leu Ser Asn Thr Leu Val Ile His Ser		
50	55	60
Ser Ile Leu Leu Gln Gly Leu Phe Ser Phe Leu Phe Arg Gln Gly Thr		
65	70	75
Gly Lys Asn Gly Gly Val		
85		

&lt;210&gt; 11032

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11032

Arg Gly Ile Val Val Glu His Leu Leu Cys Ser Leu Ser Gly Ala Leu			
1	5	10	15
Gly Gly Arg Ala Glu Gly Arg Glu Val Thr Glu Gly Leu Arg His Leu			
20	25	30	
Phe Asp Ala His Arg Val His Pro Phe Asn Arg Tyr Ser Gln Arg Arg			
35	40	45	
Glu Leu Val Tyr Leu Pro Phe Gly Ile Thr Ala Ala Pro Gly Glu Tyr			
50	55	60	
Gln Ile Gly Leu			
65			

&lt;210&gt; 11033

&lt;211&gt; 324

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11033

Ile Cys Ile Ser Arg Gly Ile Met Lys Ile Pro Lys Lys Lys Thr Gly			
1	5	10	15
His Phe Ile Leu Ser Ala Gln Thr Lys Arg Glu Asn Ala Met Asp Asn			
20	25	30	
His Ile Ser Ser Arg Ala Leu Leu His Arg Arg Asp Val Ile Lys Asn			
35	40	45	
Asn Pro Arg Phe Gly Glu Ala Ile Thr Glu His Tyr Arg Ile Asn Asp			
50	55	60	
Val Ile Tyr Lys Lys Gln Pro Leu Phe Tyr Lys Thr Met Leu Gln Glu			
65	70	75	80
Ser Arg Phe Asn Ile Ile Leu Ser Met Cys Cys Phe Val Phe Gly Asn			
85	90	95	
Gln Ala Glu Ser Val Ser Glu Ile Lys Ala Leu Cys Thr Arg Tyr Asn			
100	105	110	
Ile Ala Ser Pro Asn Ser Val Ile Ala Ile Ile Thr Ile Leu Lys Thr			
115	120	125	
Thr Gly Arg Ile Lys Thr Trp Arg Cys Ser Glu Asp Arg Arg Lys Thr			
130	135	140	
Lys Ile Ala Pro Thr Glu Lys Gly Leu Asp Glu Leu Lys Arg Tyr Met			
145	150	155	160
Ser Gly Ala Phe Thr Pro Val Ser Ile Leu Tyr Pro Ala Phe Asn Ile			
165	170	175	
Asn Val Asn Leu Leu Asp Asn Asp Ile Leu Arg His Asn Phe Phe Arg			
180	185	190	
Arg Ala Ala Glu Tyr Leu Phe Arg Gly Leu Thr Phe Arg Lys Val Leu			
195	200	205	
Pro Glu Val Gly Leu Phe Ile Asp Lys Asp Gly Gly Arg Met Ile Met			
210	215	220	

Leu Tyr Leu Tyr Leu Gln Ala Ile Lys Asn Lys Thr Ala His Gly Ala  
 225 230 235 240  
 Ile Ile Ala Tyr Ser Ala Ser Thr Leu Ala Lys Glu Phe Phe Val Ser  
 245 250 255  
 Arg Ile His Val Asn Arg Ile Ile Lys Ser Ala Gln Glu Ala Gly Tyr  
 260 265 270  
 Leu Lys Asp Arg Gly Asp Gly Arg Met Ser Ile Tyr Pro Ala Phe Ile  
 275 280 285  
 Glu Leu Val Glu Asn Tyr Ala Gly Leu Tyr Phe Ala Tyr Val Thr His  
 290 295 300  
 Tyr Ile Asn Val Val Pro Lys Glu Arg Arg His Ala Val Asn Met Thr  
 305 310 315 320  
 Pro Thr Leu

&lt;210&gt; 11034

&lt;211&gt; 170

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11034

Lys Glu Glu Ala Asn Met Arg Ile Ile Leu Met Leu Cys Cys Phe Leu  
 1 5 10 15  
 Val Gln Ser Leu Ser Trp Ala Gly Glu Leu Pro Lys Pro Val Gly Lys  
 20 25 30  
 Pro Ile Leu Thr Ile Asn Gly Asn Ile Glu Asn Thr Asn Glu Asn Gly  
 35 40 45  
 Asn Ala Val Phe Asp Ile Ala Ser Leu Glu Lys Leu Gly Met Val Ser  
 50 55 60  
 Phe Gln Thr Thr Ser Pro Trp Tyr Asn Gly Arg Thr Lys Phe Glu Gly  
 65 70 75 80  
 Ile Pro Met Arg Lys Leu Met Glu Tyr Val Gly Ala Lys Gly Ser Val  
 85 90 95  
 Leu Asn Val Ile Ala Leu Asn Asp Tyr Thr Val Ile Pro Leu Ser  
 100 105 110  
 Asp Phe Gln Lys Tyr Asn Ala Ile Leu Ala Leu Lys Val Asn Gly Glu  
 115 120 125  
 Tyr Met Arg Ile Arg Asp Lys Gly Pro Ser Phe Ile Val Tyr Pro Tyr  
 130 135 140  
 Asp Ser Leu Pro Glu Leu Asn Asn Gln Ile Tyr Tyr Ser Arg Ser Ala  
 145 150 155 160  
 Trp Gln Val Ser Lys Met Lys Ile Glu  
 165 170

&lt;210&gt; 11035

&lt;211&gt; 92

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11035

Leu Asn Arg Phe Ser Ser Met Asn Leu Ser Arg Gln Glu Gln Arg Thr  
 1 5 10 15  
 Leu His Val Leu Ala Lys Gly Gly Arg Ile Val His Val Arg Asp Thr  
 20 25 30  
 Ser Gly Arg Val Thr Ala Val Glu Cys Tyr Ser Arg Glu Gly Leu Leu  
 35 40 45  
 Leu Ala Asp Cys Thr Leu Ala Val Phe Lys Lys Leu Lys Thr Lys Lys  
 50 55 60  
 Leu Ile Lys Ser Val Asn Gly Gln Pro Tyr Arg Ile Asn Thr Thr Gly  
 65 70 75 80  
 Leu Asn Asn Val Arg Ala Gln Pro Asp Asn Arg

85

90

&lt;210&gt; 11036

&lt;211&gt; 112

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11036

Ser	Ser	Ile	Ser	Ser	Ser	Thr	Lys	Ile	Gly	Asn	Thr	Arg	Ser	Phe	Lys
1								5		10					15
Val	Ser	Val	Val	Ser	Ser	Asn	Met	Ala	Arg	Ser	Ala	Gly	Asp	Leu	Arg
								20		25					30
Arg	Arg	Arg	Gly	Arg	Ala	Ile	Lys	Ser	Val	Met	Val	Cys	Leu	Met	Phe
								35		40					45
Val	Glu	Gln	Arg	Gly	Ile	Val	Tyr	Leu	Lys	Ala	Gly	Ser	Gly	Val	Leu
								50		55					60
Leu	Lys	Leu	Ser	Phe	Arg	Phe	Ser	Lys	Ser	Thr	Asn	Ile	Arg	Cys	Met
								65		70					80
Tyr	Leu	Val	Tyr	Ile	Ile	Asn	Leu	Ile	Leu	Met	Phe	Ser	Val	Ala	Cys
								85		90					95
Asn	Ile	Gly	Glu	Ala	Ser	Ile	Leu	Val	Trp	Asp	Tyr	Lys	Tyr	Lys	
								100		105					110

&lt;210&gt; 11037

&lt;211&gt; 256

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11037

Arg	Lys	Ala	Asn	Asn	Ile	Pro	Arg	Cys	Pro	Ala	Gly	Phe	Ala	Ala	Phe
1								5		10					15
Cys	His	Asn	Ile	Leu	Arg	Asp	Ala	Glu	Gly	Gly	Arg	Val	Lys	Gly	Lys
								20		25					30
Gly	Leu	Phe	Ile	Leu	Ile	Val	Ile	Ala	Gly	Ile	Val	Thr	Val	Gly	Tyr
								35		40					45
Arg	Trp	Leu	Pro	Ser	Gln	Tyr	Asn	Pro	Phe	Val	Pro	Leu	Thr	Leu	Asp
								50		55					60
Asp	Pro	Pro	Gly	Lys	Ile	Thr	Gln	Phe	Lys	Leu	Arg	Arg	Leu	Thr	Pro
								65		70					80
Gln	Ala	Cys	Glu	Ser	Leu	Leu	Thr	Gln	Ala	Asn	Gln	Arg	Arg	Leu	Ile
								85		90					95
Arg	Thr	Gln	Ala	Val	Ala	Asp	Ser	Ala	Gly	Glu	Cys	Pro	Leu	Ser	Asn
								100		105					110
Val	Val	Arg	Val	Arg	Asp	Phe	Gly	Pro	Val	Ser	Leu	Asn	Ser	Ser	Phe
								115		120					125
Leu	Ala	Ser	Cys	Pro	Leu	Ala	Leu	Ser	Ser	Ala	Leu	Phe	Val	Ser	Gln
								130		135					140
Gln	Ala	Arg	Pro	Leu	Thr	Lys	Thr	Trp	Thr	Gly	Ser	Glu	Leu	Ala	Arg
								145		150					160
Ile	Glu	His	Leu	Gly	Ser	Phe	Ala	Cys	Arg	Asn	Ile	Tyr	Ser	Arg	Pro
								165		170					175
Asp	Ala	Arg	Arg	Ser	Glu	His	Ala	Thr	Ala	Asp	Ala	Leu	Asp	Ile	Ser
								180		185					190
Ala	Phe	Arg	Leu	Ala	Asn	Gly	Gln	Arg	Val	Thr	Val	Leu	Asn	Gly	Trp
								195		200					205
Lys	Ala	Glu	Lys	Thr	Gln	Pro	Trp	Leu	Gln	Ala	Leu	Leu	Ser	Ala	Ser
								210		215					220
Cys	Gly	Tyr	Tyr	Gly	Asn	Gly	Leu	Gly	Pro	Asp	Tyr	Asn	Ala	Ala	His
								225		230					240
Ala	Asn	His	Phe	His	Leu	Gly	Met	Arg	Gly	Tyr	Gly	Leu	Cys	Arg	
								245		250					255

&lt;210&gt; 11038

&lt;211&gt; 117

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11038

Leu	Ser	Ser	Ala	Gly	Ala	Asn	Ile	Phe	Leu	Leu	Thr	Gly	Cys	Pro	Gly
1				5					10				15		
Pro	Gly	Asp	Arg	Met	Val	Asp	Arg	Glu	Ser	Thr	Thr	Ala	Phe	Ile	Lys
				20				25					30		
Asp	Asn	Gln	Val	Cys	Val	Val	Ser	Pro	Leu	Glu	Pro	Gln	Glu	Arg	Ile
				35			40				45				
Thr	Ala	Ile	Gln	Ile	Asn	Ser	Asp	Asn	Ser	Asp	Ser	Leu	His	Asn	Ile
				50			55				60				
Phe	Asp	Asp	Lys	Pro	Val	Tyr	Val	Pro	Lys	Gly	Glu	Cys	Leu	Pro	Val
				65		70			75			80			
Phe	Gly	Phe	Lys	Phe	Thr	Pro	Gly	Glu	Arg	Tyr	Asn	Phe	Ala	Tyr	Asp
				85			90				95				
Val	Gln	Ser	Ala	Lys	Ser	Gly	Ala	Tyr	Leu	Val	Thr	Ala	Glu	Phe	Ser
				100				105				110			
Tyr	Pro	Lys	Glu												
				115											

&lt;210&gt; 11039

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11039

Arg	Pro	Thr	Leu	Thr	Met	Val	Lys	Glu	Arg	Leu	Met	Phe	Arg	Trp	Gly
1					5				10			15			
Ile	Ile	Phe	Leu	Val	Ile	Ala	Leu	Ile	Ala	Ala	Ala	Leu	Gly	Phe	Gly
					20			25				30			
Gly	Leu	Ala	Gly	Thr	Ala	Ala	Trp	Ala	Ala	Lys	Ile	Val	Phe	Val	Val
					35			40			45				
Gly	Ile	Ile	Leu	Phe	Leu	Val	Ser	Leu	Phe	Thr	Gly	Arg	Arg	Arg	Pro
				50			55				60				

65

&lt;210&gt; 11040

&lt;211&gt; 71

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11040

Arg	Tyr	Arg	Arg	Asp	Val	Lys	Arg	Val	Thr	Leu	Glu	Ala	Ile	Pro	Pro
1					5				10			15			
Lys	Asn	Thr	Asp	Lys	His	Met	Trp	Ile	Gly	Phe	Asn	Leu	Ser	Gln	Asp
					20			25			30				
Leu	Pro	Asn	Gly	Ile	Lys	Asn	Ile	Ser	Val	Ala	His	Thr	Ala	Phe	Arg
					35			40			45				
Glu	Leu	Asp	Phe	Lys	Val	Leu	Asn	Thr	Arg	Arg	Val	Met	Leu	Glu	Val
				50			55			60					
Lys	Arg	Ala	Asp	Gly	Ser										
				65			70								

&lt;210&gt; 11041

&lt;211&gt; 63

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11041

Met	Lys	His	Leu	Gly	Lys	His	Leu	Leu	Met	Thr	Phe	Ser	Leu	Met	Ala
1						5			10					15	
Thr	Leu	Phe	Thr	Pro	Ala	Ser	Trp	Ser	Ala	Asp	Glu	Cys	Leu	Leu	Thr
							20		25				30		
Leu	Thr	Pro	Val	Leu	Ser	Asp	Arg	Gln	Phe	Asn	Tyr	Val	Gly	Asp	Thr
						35		40				45			
Val	Thr	Leu	Glu	Ser	Asn	Leu	Met	Trp	Glu	Val	Leu	Thr	Lys		
						50		55			60				

&lt;210&gt; 11042

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11042

Val	Asn	Ser	His	His	Ala	Lys	Ile	Leu	Arg	His	Leu	Ser	Cys	Leu	Val
1						5			10					15	
Gly	Lys	Pro	Asp	Ile	His	Arg	Ile	Ser	Arg	Asn	Leu	Leu	Val	Lys	Tyr
						20		25				30			
Ser	Gly	Ile	Gly	Glu	Leu	Gln	Ser	Asp	Ile	Pro	Phe	Phe	Tyr	Phe	Val
						35		40			45				
Met	Phe	Leu	His	Phe	Ser	Glu	Phe	Ser	Phe	Leu	Pro	Thr	Glu	Tyr	Ile
						50		55			60				
Leu	Ser	Thr	Leu												
						65									

&lt;210&gt; 11043

&lt;211&gt; 178

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11043

Lys	Ala	Ala	Ile	Met	Ser	Thr	Arg	Arg	Phe	Ser	Thr	Thr	Ala	Leu	Ala
1							5		10				15		
Val	Val	Leu	Ala	Leu	Thr	Phe	Ala	Thr	Ala	Pro	Ala	Met	Ala	Asn	Pro
							20		25			30			
Gly	Asn	Gly	Asn	Gly	Gly	Gly	His	Gly	Asn	Gly	Gly	Gly	Gln	Gly	Asn
							35		40			45			
Ser	Gly	Asn	His	Gly	Asn	Gly	Asn	Ser	Gly	Asn	His	Gly	Asn	Lys	His
							50		55		60				
Asn	Asn	Gly	Gln	Asp	Asn	Pro	Gly	Lys	Ser	Asp	Lys	Ser	Phe	Lys	Asn
							65		70		75		80		
Ser	Lys	Asp	Val	Gly	Asn	Asp	Val	Asp	Ala	Arg	Val	Ser	Phe	Asp	His
							85		90		95				
Ala	Arg	His	Leu	Ala	Leu	Asn	Tyr	Gly	Leu	Thr	Gly	Tyr	Asp	Ser	Leu
							100		105		110				
Pro	Pro	Gly	Ile	Ala	Lys	Asn	Leu	Ala	Arg	Gly	Lys	Pro	Leu	Pro	Pro
							115		120		125				
Gly	Ile	Ala	Lys	Lys	Thr	Val	Pro	Ala	Asp	Met	Leu	Gly	Gln	Leu	Pro
							130		135		140				
Ser	Tyr	Pro	Gly	Tyr	Glu	Trp	Arg	Val	Val	Gly	Tyr	Asp	Leu	Val	Leu
							145		150		155		160		
Ile	Ala	Leu	Ser	Thr	Ala	Ile	Val	Thr	Ser	Val	Ile	Asn	Gly	Val	Phe
							165		170		175				

Lys

&lt;210&gt; 11044

&lt;211&gt; 85

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11044

Ala	Val	Ile	Gln	Gly	Gln	Met	Ala	Gly	Met	Ile	Glu	Ala	Tyr	Ala	Ser
1				5					10					15	
Ile	His	Ile	Ile	Thr	Asp	Ile	Phe	Ala	Val	Phe	Lys	Ala	Leu	Ile	Arg
				20					25					30	
Phe	Pro	Arg	Val	Ile	Leu	Thr	Val	Ile	Val	Leu	Ile	Thr	Met	Val	Thr
				35					40				45		
Arg	Val	Pro	Val	Thr	Met	Ile	Ala	Ala	Ile	Thr	Leu	Ser	Ala	Thr	Val
				50				55				60			
Ser	Val	Thr	Thr	Ala	Ile	Pro	Val	Thr	Arg	Ile	Ser	His	Gly	Arg	Ser
				65				70				75			80
Arg	Cys	Lys	Arg												
				85											

&lt;210&gt; 11045

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11045

Gly	Ser	Ser	Asp	Phe	Val	Arg	Ile	Met	Pro	Leu	Ala	Lys	Thr	Lys	Ser
1				5					10				15		
Ile	His	Arg	Phe	Arg	Arg	His	Ala	Arg	Tyr	Ala	Pro	Cys	Arg	Phe	Lys
				20				25				30			
Lys	Leu	Ile	Leu	Leu	Met	Gln	Ser	Leu	Leu	Leu	Ile	Leu	Ile	Ile	Tyr
				35				40				45			
Leu	Phe	Leu	Phe	Ile	Ser	Gly	Asn	Phe	Tyr	Asn	Glu	Thr	Ser	Val	Glu
				50				55			60				
Lys	Phe	His	Glu												
				65											

&lt;210&gt; 11046

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11046

Leu	Lys	Ser	Arg	Val	Lys	Lys	Arg	Thr	Ile	Lys	Ala	Pro	Arg	Lys	Trp
1				5					10				15		
Gly	Leu	Phe	Asn	Thr	Leu	Ala	Ser	Ser	Val	Ser	Phe	Val	Arg	Tyr	Leu
				20				25				30			
Tyr	Leu	Met	Asp	Asn	Ser	Gln	Asn	Arg	Leu	Asp	Ile	Ala	Phe	Glu	Leu
				35				40				45			
Cys	Ile	Tyr	Ile	Gly	Pro	Arg	Met	Gly	Gln	Ile	Arg	Arg	Tyr	His	Arg
				50				55			60				
Asn	Val	Asn	Tyr	Trp	Ser	Tyr	Ser	Leu	Leu						
				65				70			75				

&lt;210&gt; 11047

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11047

Val	Pro	Gln	Arg	Ala	Gln	Pro	Leu	Ser	Phe	Val	Ala	Ser	Gly	Gln	Ala
1				5					10				15		
Gly	Asn	Ser	Lys	Glu	Thr	Ala	Ser	Asp	Lys	Leu	Glu	Gly	Gly	Asp	

20	25	30
Asp Val Lys Ser Ser Trp Pro Leu Arg Val Gly Leu His Thr Cys Tyr		
35	40	45
Asn Gly Ala Tyr Lys Glu Lys Arg Pro Arg Glu Ser Lys Arg Thr Ser		
50	55	60

65

&lt;210&gt; 11048

&lt;211&gt; 66

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11048

Gly Arg Ser Ser Val Gly Arg Ala Pro Val Ser Lys Thr Gly Cys Arg			
1	5	10	15
Glu Phe Glu Ser Leu Arg Pro Cys His Ile Glu Ser Phe Ala Ser Ala			
20	25	30	
Lys Asp Phe Phe Leu Pro Ala Lys Gln Leu Asn Thr Phe Leu Lys Asn			
35	40	45	
Lys Gln Pro Ala Phe Pro Gln Ala Phe Ala Leu Ile Gln Tyr Ala Gly			
50	55	60	

Phe

65

&lt;210&gt; 11049

&lt;211&gt; 64

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11049

Leu His His Leu Leu Leu Arg Thr Gln Glu Asn Phe Arg Val Asn Leu			
1	5	10	15
Lys Arg Cys Thr Ala Lys Phe Cys Ser Leu Lys Ile Trp Ile Lys Leu			
20	25	30	
Lys Ile Glu Thr Thr His Ser Ser Cys Val Phe Glu Ser Leu Lys Phe			
35	40	45	
Ser Gln Ser Glu Val Lys His Leu Arg Val Val Arg Leu Ser Asp			
50	55	60	

&lt;210&gt; 11050

&lt;211&gt; 121

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11050

Val Ala Asp Pro Leu Tyr Lys Arg Tyr Ala Val Thr Pro Arg Arg Cys			
1	5	10	15
Ser His Cys Leu Tyr Val His Gly Phe Arg Phe Phe Phe Thr Pro Leu			
20	25	30	
Ala Gly Val Leu Phe Ala Phe Pro Ser Arg Tyr Trp Phe Thr Ile Gly			
35	40	45	
Gln Ser Gly Val Phe Ser Leu Gly Gly Trp Ser Pro His Ile Gln Thr			
50	55	60	
Gly Tyr His Val Ser Arg Pro Thr Leu Arg Val His Ser Lys Cys Val			
65	70	75	80
Phe Val Tyr Gly Thr Ile Thr Leu Tyr Arg Arg Thr Phe Gln Thr Val			
85	90	95	
Pro Leu Thr His Lys Leu Ile Gln Thr Pro Gly Cys Ser Pro Phe Ala			
100	105	110	
Arg Arg Tyr Trp Gly Asn Leu Gly			

115 120

<210> 11051  
<211> 75  
<212> PRT  
<213> Enterobacter cloacae

```

<400> 11051
Leu Pro Phe Pro Val Val Ile Pro Leu His Gln Ala Val Ser Gln Thr
1           5           10           15
Leu Leu Thr Arg Pro Pro Leu Val Ser Lys Ala Ala Ser Cys Phe Leu
          20           25           30
Leu Pro Phe Asp Leu His Val Leu Gly Leu Pro Pro Ala Phe Asn Leu
          35           40           45
Ser His Asp Gln Thr Leu Gln Phe Lys Ser Leu Met Leu Asn Glu Leu
          50           55           60
Asn Phe Val Met Asn Tyr Val Phe Thr Arg
65           70           75

```

<210> 11052  
<211> 73  
<212> PRT  
<213> Enterobacter cloacae

```

<400> 11052
Gly Gly Gln Gly Ser Ala Ser Met Lys Asn Lys Asp Glu Gln Thr Gly
1           5           10          .          15
Leu Val Gly Leu Ala Ile Gly Ala Ala Val Ile Gly Leu Val Ser Ser
20          25          .          30
Gln Lys Ile Ile Asn Arg Glu Ser Ile Val Asp Glu Leu Val Arg Leu
35          .          40          .          45
Gly Arg Gln Lys Gly Asp Gly Val Glu Asp Glu Val Phe Leu Lys Ala
50          .          55          .          60
Ala Glu Leu Val Arg Lys Gly Val
65          .          70

```

<210> 11053  
<211> 142  
<212> PRT  
<213> Enterobacter cloacae

```

<400> 11053
Ala Met Ala Asp Ile Arg His Ala Gln Cys His Cys Gly Ala Val Lys
      5          10          15
Phe Thr Val Glu Leu Thr Asp Gly Leu Asn Thr Ala Arg Arg Cys Ser
      20         25         30
Cys Ser Phe Cys Arg Met Arg Gly Ala Val Val Val Ser Ala Pro Leu
      35         40         45
Thr Gly Ile Lys Val Thr Gln Gly Ala Asp Thr Leu Thr Glu Tyr Arg
      50         55         60
Phe Asn Thr Gly Thr Ala Arg His Phe Phe Cys Ser Ile Cys Gly Ile
      65         70         75         80
Tyr Thr Phe His Gln Arg Arg Ser Asn Pro Asn Glu Tyr Gly Val Asn
      85         90         95
Val Ala Cys Leu Glu Asn Val Thr Pro Phe Asp Phe Pro Glu Val Ala
      100        105        110
Val Met Asp Gly Val Asn His Pro Met Asp Gly Asp Ser Gly Val Phe
      115        120        125
Gly Tyr Leu Ser Phe Arg Lys Glu Gln Thr Lys Gln Arg
      130        135        140

```

&lt;210&gt; 11054

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11054

Gln	His	Arg	Arg	Ile	Gly	Leu	Thr	Asn	Asn	Glu	Ser	Leu	Ser	Gly	Tyr
1				5				10						15	
Ser	Lys	Ala	Val	His	Phe	Ala	Gly	Phe	Ser	Ile	Thr	Pro	Gln	Lys	Pro
				20				25						30	
Ile	Cys	Leu	Lys	Val	His	Tyr	Ser	Ser	Ser	Thr	Thr	Ile	Thr	Ile	Asn
				35				40						45	
Ala	Ala	Arg	Asn	Arg	Pro	Phe	Tyr	Arg	Leu	Leu	Arg	Arg	Leu	Leu	Ala
				50				55						60	

65

&lt;210&gt; 11055

&lt;211&gt; 453

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11055

Arg	Ser	Leu	Gln	Asp	Gln	Ile	Val	Ala	Lys	Thr	Leu	Leu	Arg	Ser	Gly
1				5					10					15	
Asn	Leu	Asp	Asp	Phe	Gln	Ala	Val	Gly	Gly	Gly	Gly	Gln	Ala	Val	Phe
				20				25						30	
Glu	Ser	Ala	Leu	Gln	Ile	Arg	Glu	Ala	Leu	Arg	Leu	Arg	Lys	Gln	Gln
				35				40						45	
Ala	Ile	Val	Asp	Cys	Leu	Ala	Ile	Pro	Gln	Val	Tyr	Asp	Gly	Gly	Asp
				50				55			60				
Arg	Val	Asp	Trp	Tyr	Ser	Pro	Val	Glu	Gly	Thr	Val	Ser	Ser	Trp	Lys
	65				70				75					80	
Ala	Ala	Asp	Glu	Asp	Asp	Arg	Tyr	Arg	Ala	Leu	Arg	Tyr	Leu	Glu	Asn
				85				90						95	
Thr	Leu	Ala	Ser	Val	Glu	Ser	Leu	Ser	Lys	Lys	Cys	Leu	Gln	Ser	Pro
				100				105						110	
Lys	Thr	Ala	Gln	Gln	Leu	Phe	Gly	Ser	Leu	Leu	Ser	Lys	Ala	Phe	Gln
				115				120						125	
Phe	Pro	Gly	Glu	Asn	Phe	Val	Phe	Leu	Val	Asp	Gly	Lys	Pro	Val	Ile
				130				135			140				
Cys	Phe	Trp	Gly	Phe	Val	Asn	Leu	Asn	Glu	Asn	Ala	Arg	Glu	Asp	Val
	145				150				155					160	
Leu	Asp	Cys	Leu	Arg	Glu	Ser	Leu	Val	Pro	Glu	Pro	Glu	Pro	Val	Val
				165				170						175	
Ile	Asn	Glu	Pro	Glu	Pro	Glu	Gln	Glu	Gln	Glu	Pro	Ala	Pro	Val	Val
				180				185						190	
Thr	Phe	Glu	His	Ala	Asp	Ala	Pro	Leu	Ile	Thr	Pro	Val	Ala	Ser	Val
				195				200						205	
Arg	Ile	Thr	Glu	Asp	Glu	Leu	Tyr	Thr	Pro	Glu	Pro	Val	Arg	Met	Asn
	210				215				220						
Ala	Ala	Pro	Pro	Glu	Pro	Ala	Pro	Val	Ala	Met	Gln	Lys	Lys	Arg	Arg
	225				230				235						240
Ser	Pro	Leu	Trp	Leu	Leu	Pro	Val	Ala	Ala	Val	Ile	Ile	Ala	Ile	
				245				250						255	
Ala	Thr	Pro	Leu	Leu	Trp	Pro	Lys	Gln	Ala	Pro	Thr	Ala	Ala	Pro	Val
				260				265						270	
Ala	Thr	Pro	Ala	Pro	Val	Pro	Val	Ala	Ile	Ala	Pro	Ala	Pro	Val	Lys
				275				280						285	
Thr	Val	Glu	Pro	Leu	Glu	Leu	Lys	Leu	Pro	Leu	His	Gln	Ala	Glu	Val
	290				295				300						

Val Glu Pro Lys Val Lys Thr Pro Ala Pro Ala Ala Glu Pro Val Val  
 305 310 315 320  
 Ile Thr Ala Ile Pro Lys Asp Ala Met Val Met Glu Ala Asn Gln Val  
 325 330 335  
 Lys Ala Gly Leu Thr Arg Phe Leu Asn Gly Thr Trp Arg Ala Phe Leu  
 340 345 350  
 Asp Val Gln Asp Pro Leu Thr Gly Lys Pro Pro Ser Leu Arg Tyr Gln  
 355 360 365  
 Ile Gln Asn Asn Lys Gly Phe Ala Arg Val Val His Gly Asp Asn Ile  
 370 375 380  
 Val Cys Arg Val Asp Val Phe Ser Gly Leu His Ser Lys Gly Glu Leu  
 385 390 395 400  
 Leu Ile Lys Thr Arg Gly Asn Ala Arg Cys Thr Asp Gly Ser Arg Tyr  
 405 410 415  
 Pro Met Pro Glu Val Thr Cys Lys Ala Gly Ala Ser Asp Val Ala Glu  
 420 425 430  
 Cys Thr Ala Arg Tyr Asp Ala Asn Thr Ile Val Pro Leu Thr Phe Lys  
 435 440 445  
 Lys Ala Gly Val  
 450

&lt;210&gt; 11056

&lt;211&gt; 749

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11056

Thr Glu Tyr Ser Gly Arg Ser Pro Thr Gln Arg Gln Pro Leu Leu Asp  
 1 5 10 15  
 Arg Gln Arg Glu Arg Ile Pro Gln Met Thr Ala Thr Thr Ala Thr Thr  
 20 25 30  
 Gln Ala Leu Ile Gly Trp Ile Asn Glu Thr Arg Gln His Ala Pro Met  
 35 40 45  
 Leu Asp Asn Glu Ala Asp Ala Leu Leu Ala Arg Leu Asn Ala Leu Ser  
 50 55 60  
 Ala Arg Glu Glu Ala Leu Asp Arg Ala Leu Val Ser Gln Gly Ser Ile  
 65 70 75 80  
 Gly Leu Tyr Gly His Ser Gln Ala Ala Lys Ala His Leu Leu Ala Ala  
 85 90 95  
 Leu Cys Gly Ser Gly Asp Glu Arg Leu Asn Val Thr Pro Gly Gln Arg  
 100 105 110  
 Thr Phe Asp Tyr Phe Ser His Ile Asn Pro Gly His Ala Pro Thr Asn  
 115 120 125  
 Met Ala Val Arg Phe Ser Arg Ala Ser Arg Glu Val Ala Asp Asp Ala  
 130 135 140  
 Phe Pro Leu Arg Leu Arg Leu Val Thr Glu Ala Glu Leu Val Gln Leu  
 145 150 155 160  
 Phe Ile Ala Arg Thr Thr Leu Asp Pro Gln Ile Arg Ala Val Asp Lys  
 165 170 175  
 Ser Val Ile Glu Ala Arg Leu Glu Lys Trp Arg Ala Leu Arg Gln Pro  
 180 185 190  
 Gln Ser Val Pro Gly Met Thr Ala Arg Glu Val Ala Thr Ile Ala Arg  
 195 200 205  
 Phe Trp Gln Ser Val Val Pro Gly Ala Lys Gln His Ile Asp Asp Ala  
 210 215 220  
 Leu Trp His Gln Phe Ala Leu Leu Val Pro Ser Leu Asp Leu Ser Thr  
 225 230 235 240  
 Arg Ala Ser Val Trp Ser Leu Leu Trp Gly Glu Gln Gln Glu Leu Thr  
 245 250 255  
 Gln Gln Trp Leu Lys Phe Ala Gln Val Leu His Gln Thr Ser His Ala  
 260 265 270

Ser Ala Leu Ala Ala Pro Leu Ser Leu Leu Val Asp Ser Phe Gly Leu  
 275 280 285  
 Pro Cys Glu Gly Phe Leu Thr His Gly Ala Phe Thr Val Pro Glu Ala  
 290 295 300  
 Gin Glu Thr Leu Leu His Pro Ile Lys Asn Gly Glu Leu Leu Asn Ala  
 305 310 315 320  
 Ile Ser Leu Pro Val Asp Val Leu Ala Ser Leu Thr Arg Glu Val Val  
 325 330 335  
 Leu Pro Val Glu Asn Cys Val Leu Asp Asn Val Asp Val Ile Asp Ile  
 340 345 350  
 Pro Ala Ile Pro Glu Glu Asn Thr Pro Leu Met Met Gln Ala Lys Cys  
 355 360 365  
 Leu Trp Leu Leu Glu His Tyr Arg Gln His Ile Gln Pro Asp Val Leu  
 370 375 380  
 Val Ile Cys Asn Ala Thr Ala His His Gln Gln Thr Ala Lys Thr Ala  
 385 390 395 400  
 Arg Leu Leu Gln Asn Trp Val Lys Glu Thr Gln Pro Val Glu Glu Ser  
 405 410 415  
 Ala Leu Pro Gly Leu Val Trp Ala Ile Thr Pro His Asp Ala Arg Phe  
 420 425 430  
 Thr Thr Lys Gln Asn Leu Asp Glu Ala Val Gln Gln Leu Leu Gly Gln  
 435 440 445  
 Pro Gly Leu Arg Trp Gly Thr Leu Gln Ala Leu Asp Ser His Ser Met  
 450 455 460  
 Gln Arg Val Ile Glu Trp Leu Ser Gln Ala Thr Leu Pro Ala Gln Arg  
 465 470 475 480  
 Gln Lys Arg Leu Arg Ala Leu Lys Arg Leu Leu Gln Glu Ser Leu Ser  
 485 490 495  
 Thr Leu Met Arg Pro Tyr Val Ala Pro Leu Thr Gln Glu Pro Gly Ala  
 500 505 510  
 Gly Arg Ala Met Ala Glu Lys Met Val Arg Thr Leu Gln Gly Ser Ala  
 515 520 525  
 Ala Arg His Gly Glu Leu Leu Glu Gly Leu Leu Pro Pro Leu Asn Ala  
 530 535 540  
 Phe Glu Thr Leu Leu Thr Val His Gln Pro Arg Glu Glu Gln Val Asn  
 545 550 555 560  
 Gly Leu Phe Asn Asp Val Ile Asp Leu Phe Ala Glu Glu Thr Gln Glu  
 565 570 575  
 Asn Pro Gly Ala Leu Gln Thr Lys Asp Lys Ala Arg Leu Ala His Asn  
 580 585 590  
 Val Trp Val Asn His Leu Arg Gln Trp Ser Arg Asn Asp Ala Ala Ala  
 595 600 605  
 Ala Arg Leu Gly Leu Asp Ala Glu Val Leu Gln Gln Ile Ala Asp Val  
 610 615 620  
 Leu Ile Val Thr Ser Tyr Arg Leu Asp Leu Pro Leu Gln Leu Gln Arg  
 625 630 635 640  
 Ile Ala Glu Lys Asp Lys Ser Ser Ala Ala Gln Leu His Ala Ala Thr  
 645 650 655  
 Gly Asn Phe Ile Ser Trp Leu Gly Tyr Glu Leu Thr Pro Val Ser Glu  
 660 665 670  
 Arg Pro Ala Ser Arg Ile Arg Lys Gly Glu Pro Ile Phe Val Thr Pro  
 675 680 685  
 Val Val Ser Ser Ala Ser Pro Arg Leu Thr Arg Leu Gly Glu Gln Pro  
 690 695 700  
 Val His Ala Ala Thr Ala Tyr Val Tyr Asp Trp Leu Val Ala Leu Tyr  
 705 710 715 720  
 Thr Arg Ala Ile Glu Asn Val Asp Tyr Gln Cys Pro Tyr Asp Val Gln  
 725 730 735  
 Pro Ala Ala Arg Lys Ala Leu Ser Ala Leu Leu Ser  
 740 745

&lt;210&gt; 11057

&lt;211&gt; 1003

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11057

Arg	Ser	Arg	Lys	Gln	Val	Ser	Asp	Pro	Met	Leu	Val	Asn	Leu	Cys	Asp
1				5					10					15	
Tyr	Lys	Gln	Ser	Val	Thr	Leu	Ile	Ala	Asn	Ser	Gly	Val	Gln	Phe	Leu
				20					25					30	
Asp	Phe	Gly	Leu	Thr	Pro	Gln	Asp	Thr	Ser	Ser	Asn	Gly	Arg	Phe	Val
				35				40					45		
Arg	Lys	Thr	Ala	Asn	Gly	Pro	Leu	Leu	Arg	Leu	Asp	Phe	Asp	Leu	Val
				50				55				60			
Asn	Gly	Arg	Tyr	Thr	Leu	Pro	Ala	Thr	Asp	Gly	Gly	Gln	Pro	Glu	Val
				65				70			75		80		
Val	Lys	Pro	Glu	Ser	Thr	Ile	Pro	Leu	His	Asn	Ser	Leu	Asn	Val	Leu
				85				90					95		
Asp	Gly	Val	Trp	Leu	Pro	Leu	Pro	Phe	Leu	Arg	Phe	Asn	Pro	Pro	Arg
				100				105					110		
Thr	Phe	Val	Asp	Gly	Pro	Asp	Asn	Trp	Ala	Arg	Val	Gln	Val	Arg	Lys
				115				120				125			
Leu	Ser	Thr	Pro	Asp	Ala	Ala	Gly	Asn	Thr	His	Arg	Val	Thr	Val	Ala
				130				135				140			
Leu	Asp	Ser	Gln	Ile	Ala	Glu	His	Ala	Thr	Ser	Ala	Leu	Ser	Pro	Val
				145				150			155		160		
Glu	Asn	Asp	Ile	Leu	Asn	Gly	Thr	Arg	Phe	Ala	Leu	Ala	Trp	Arg	Asp
				165				170				175			
Ser	Glu	Val	Glu	Ser	Phe	Leu	Asp	Gln	Thr	Trp	Ile	Asp	Gly	Trp	Leu
				180				185				190			
Arg	Glu	Ala	Phe	Thr	Gln	Phe	Ala	Asp	Gly	Val	Glu	Lys	Arg	Ser	Glu
				195				200				205			
Arg	Glu	Leu	His	Gln	Ala	Met	Arg	Ser	Phe	Glu	Tyr	Gln	Ala	His	Trp
				210				215			220				
Leu	Asn	Leu	Leu	Ser	Met	Leu	Gly	Glu	Gln	Leu	Thr	Val	Pro	Glu	Val
				225				230			235		240		
Lys	Phe	Val	Thr	His	Thr	Leu	Ser	Thr	Pro	Ala	Ile	Ser	Val	Asp	Leu
				245				250			255				
Ile	Leu	Asp	Val	Gly	Asn	Thr	His	Thr	Cys	Gly	Val	Ile	Ile	Glu	Asp
				260				265				270			
His	Gly	Asp	Ala	Asn	Asp	Gly	Leu	Arg	Gln	Thr	Ala	Glu	Leu	Gln	Val
				275				280			285				
Arg	Ser	Leu	Ser	Glu	Pro	Gln	Phe	Leu	Asn	Glu	Pro	Leu	Phe	Thr	Ser
				290				295			300				
Arg	Leu	Glu	Phe	Ser	Glu	Ala	Arg	Phe	Gly	Lys	Gln	His	Phe	Ser	Val
				305				310			315		320		
Glu	Ser	Gly	Arg	Glu	Asp	Ala	Phe	Val	Trp	Pro	Ser	Ile	Val	Arg	Val
				325				330			335				
Gly	Asp	Glu	Ala	Arg	Lys	Leu	Ala	Met	Gln	Arg	Leu	Gly	Thr	Glu	Gly
				340				345			350				
Asn	Ser	Gly	Ile	Ser	Ser	Pro	Arg	Arg	Tyr	Leu	Trp	Asp	Glu	Thr	Pro
				355				360			365				
Val	Val	Gln	Asp	Trp	Arg	Phe	Ser	Gln	Met	Asn	Ser	Lys	Thr	Gln	Arg
				370				375			380				
Glu	Pro	Leu	Ala	Thr	Ala	Phe	Pro	Leu	Met	Asn	Leu	Met	Asn	Asp	Asp
				385				390			395		400		
Gly	Glu	Pro	Leu	Phe	Thr	Leu	Pro	Gln	Asp	Glu	Arg	Leu	Pro	Val	Phe
				405				410			415				
Ser	Pro	Gln	Tyr	Ser	Arg	Ser	Thr	Leu	Met	Thr	His	Met	Leu	Cys	Glu
				420				425			430				
Leu	Leu	Ala	Gln	Ala	Leu	Gly	Gln	Ile	Asn	Ser	Val	Ala	Thr	Arg	Leu

435	440	445
Arg Leu Gly Phe Pro Ala Ser	Pro Arg Gln Leu Arg	Thr Leu Ile Leu
450	455	460
Thr Leu Pro Ser Ala Met	Pro Lys Gln Glu Arg	Glu Ile Phe Arg Arg
465	470	475 480
Arg Met Phe Glu Ala Ile Ala	Ile Val Trp Lys Ala Met	Gly Trp His
485	490	495
Pro Gln Asp Glu Asp Phe Ala	Ser Arg Lys Gln Gln Glu	Lys Ser Val
500	505	510
Val Pro Val Pro Glu Ile Gln	Met Glu Trp Asp Glu	Ala Ser Cys Gly
515	520	525
Gln Leu Val Trp Leu Tyr Asn	Glu Ala Ile Ser His	Phe Gly Gly Gln
530	535	540
Thr Glu Ala Phe Phe Ala Ser	Leu Ala Arg Pro Asp Arg	Ala Pro Glu
545	550	555 560
Pro Gly Val Leu Pro Gly Arg	Ala Leu Arg Val Ala Ser	Ile Asp Ile
565	570	575
Gly Gly Gly Thr Thr Asp Met	Ala Ile Thr His Tyr Gln	Leu Asp Asp
580	585	590
Gly Ser Gly Asn Asn Val Lys	Ile Thr Pro Gln Leu	Leu Phe Arg Glu
595	600	605
Gly Phe Lys Val Ala Gly Asp	Asp Thr Leu Leu Asp	Val Ile Gln Arg
610	615	620
Tyr Val Leu Pro Ala Leu Gln	Thr Gln Leu Gln Lys	Ser Gly Ile Ala
625	630	635 640
Asp Ala Ser Gln Leu Met Ala	Ser Leu Phe Gly Asp	Ser Gly Arg Ile
645	650	655
Asp Thr Gln Ala Val Leu Arg	Gln Gln Thr Ala Leu	Gln Leu Phe Met
660	665	670
Pro Ile Gly His Ala Ile Leu	Ala Ala Trp Glu Ser	Ser Asp Val Asp
675	680	685
Asp Pro Leu Ala Gly Leu His	Ala Thr Phe Gly Asp	Leu Leu Thr Gln
690	695	700
Lys Pro Thr Arg Asn Val Met	Asn Tyr Leu Gln Gln	Ala Ile Asp His
705	710	715 720
Ala Leu Pro Ala Gly Ser Glu	His Phe Asp Leu Phe	Ser Val Pro Leu
725	730	735
His Val Ser Phe Arg Glu Met	Arg Asp Ala Met Leu	Ala Gly Gln Phe
740	745	750
Thr Leu Ala Ala Pro Leu His	Ala Val Cys Glu	Ala Ile Ser His Tyr
755	760	765
Ser Cys Asp Ile Leu Leu	Ile Thr Gly Arg Pro	Gly Cys Leu Pro Gly
770	775	780
Val Gln Ala Leu Ile Arg His	Leu Gln Pro Val	Pro Val Asn Arg Ile
785	790	795 800
Val Trp Leu Asp Lys Tyr Gln	Val His Glu Trp Tyr	Pro Phe Ser Gln
805	810	815
Gln Gly Arg Ile Gly Asn Pro	Lys Ser Thr Ala Ala	Val Gly Ala Met
820	825	830
Leu Cys Ser Leu Ala Leu Asp	Leu Arg Leu Pro Arg	Phe Asn Phe Lys
835	840	845
Ala Ala Asp Ile Gly Ala Tyr	Ser Thr Val Arg Tyr	Leu Gly Val Leu
850	855	860
Asp Asn Thr Ile Asn Thr	Leu Arg Asp Glu Asn	Val Trp Tyr His Asp
865	870	875 880
Ile Asp Leu Asp Lys Pro	Gly Ala Lys Leu Asp	Ala Arg Leu His Phe
885	890	895
Pro Leu Arg Gly Asn Val	Thr Leu Gly Phe Arg	Gln Leu Ala Asn Ala
900	905	910
Arg Trp Pro Ala Thr Pro	Leu Tyr Thr Leu Ser	Ile Asn Ser Ala Glu
915	920	925

Leu Ala Lys Ala Ile Ala Gly Asp Gly Val Leu Asn Val Arg Leu Lys  
 930 935 940  
 Leu Arg Gly Gly Thr Lys Gln Glu Gly Pro Glu Ser Phe Glu Leu Ser  
 945 950 955 960  
 Asp Ala Trp Leu Gln Asp Gly Thr Pro Val Pro Pro Asp Ala Leu Thr  
 965 970 975  
 Phe Lys Leu Asn Thr Leu Ala Asp Arg Arg His Ser Gly Ser His Tyr  
 980 985 990  
 Trp Ile Asp Ser Gly Ser Val Tyr Leu Lys  
 995 1000

&lt;210&gt; 11058

&lt;211&gt; 657

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11058

Asn Ser Thr Phe Ser Cys Leu Ile Val Phe Ile Asn His Leu Phe Lys  
 1 5 10 15  
 Phe Ser Gln Leu Glu Val Tyr Ser Ser Phe Met Pro Val Thr Trp Leu  
 20 25 30  
 Thr Phe Leu His Leu Ala Asp Ser Leu Cys Phe Ala Ala Val Asp Tyr  
 35 40 45  
 Glu Gly Glu Pro Met Trp Ala Ala Asn Lys Glu Lys Ser Asn Pro Leu  
 50 55 60  
 Ser Ser Arg Gln Glu Val Val Ala Ser Leu Asn Ala Leu Leu Gln Ala  
 65 70 75 80  
 Leu Asp Thr Gln Phe Pro Ala Asn Arg Ser Arg Phe Pro Leu Gly Asp  
 85 90 95  
 Thr Cys Ala His Tyr Thr Ala Asp Ile Ala Gln Met Glu Gly Leu Ser  
 100 105 110  
 Arg Ala Leu Trp Gly Leu Phe Pro Leu Met Ala Ser Gly Glu Ser Thr  
 115 120 125  
 Pro Phe Ser Glu Lys Tyr Leu Thr Ala Ile Lys Leu Gly Thr Asp Pro  
 130 135 140  
 Gln Ser Ser Gly Tyr Trp Gly Glu Thr Gly Pro Tyr Asp Gln Arg Leu  
 145 150 155 160  
 Val Glu Met Ala Ala Tyr Gly Leu Gly Leu Ala Leu Met Gly Glu Thr  
 165 170 175  
 Leu Thr Ala Arg Phe Thr Gly Arg Glu Val Met Asn Leu His Ala Trp  
 180 185 190  
 Leu Asn Gln Ile Thr Glu Ala Gln Met Pro Asp Ser Asn Trp Asn Tyr  
 195 200 205  
 Phe Ala Ile Met Val Gln Leu Gly Phe Lys Arg Ala Gly Leu Pro Tyr  
 210 215 220  
 Asp Gln Asp Ala Ile Asp His Arg Phe Ala Leu Met Asp Ala Tyr Tyr  
 225 230 235 240  
 Leu Gly Asp Gly Trp Tyr Ser Asp Gly Pro Gly Arg Pro Lys Asp Tyr  
 245 250 255  
 Tyr Ile Ser Met Ala Phe His Phe Tyr Gly Leu Ile Tyr Ala Thr Leu  
 260 265 270  
 Ser Asn Asp Glu Ala Arg Ala Asn Val Leu Arg Glu Arg Ser Arg Leu  
 275 280 285  
 Phe Ala Glu Asp Phe Ile Tyr Trp Ser Ala Ala Asp Gly Ala Ser Val  
 290 295 300  
 Pro Phe Gly Arg Ser Leu Thr Tyr Arg Phe Ala Met Val Ala Phe Trp  
 305 310 315 320  
 Ser Ala Val Ala Phe Ser Gln Leu Asp Val Phe Thr Pro Gly Ile Val  
 325 330 335  
 Lys Gly Ile Val Leu Arg His Leu Arg Trp Trp Gln Gln Gln Ser Ile  
 340 345 350

Val Asp Arg Asp Gly Ile Leu Thr Leu Gly Phe Ala Tyr Pro Asn Leu  
 355 360 365  
 Ala Met Cys Glu Asp Tyr Asn Ser Pro Gly Ser Pro Tyr Trp Ala Leu  
 370 375 380  
 Lys Thr Tyr Leu Ile Leu Ala Leu Pro Glu Ala His Pro Phe Trp Gln  
 385 390 395 400  
 Ala Glu Glu Gln Pro Leu Pro Ala Leu Asp Glu Lys His Val Ile Pro  
 405 410 415  
 His Ala Gln Gln Ile Leu Met His Ser Lys Asp Ser Gln His Val Val  
 420 425 430  
 Met Leu Thr Ala Gly Gln Leu Glu Leu Asn Asn Tyr Val Asn Thr Glu  
 435 440 445  
 Ala Lys Tyr Thr Lys Phe Ala Tyr Ser Ser Arg Phe Gly Phe Thr Leu  
 450 455 460  
 Glu Arg Gly Arg Phe Gly Leu Lys His Ala Ala Cys Asp Ser Met Leu  
 465 470 475 480  
 Leu Leu Ala Asp Gly Asp Asp Tyr Phe Arg Gly Arg Arg Glu Cys Glu  
 485 490 495  
 Glu Val Arg Val Asp Glu Asn Tyr Ile Phe Ser Arg Trp Ser Pro Trp  
 500 505 510  
 Arg Asp Val Gln Ile Ala Thr Trp Gln Ile Pro Phe Gly Glu Trp His  
 515 520 525  
 Leu Arg Leu His Arg Ile Asn Ser Thr Arg Thr Leu Gln Thr Val Glu  
 530 535 540  
 Gly Gly Phe Ala Val Met Lys Thr Ala His Gln Val Arg Glu Arg Gly  
 545 550 555 560  
 Cys Tyr Leu Leu Ala Glu Asn Gly Ser Ser Val Ile Val Asp Leu Ser  
 565 570 575  
 Pro Ile Ile Gln Arg Gln Pro Asp Ser Ile Val Thr Pro Pro Asn Ser  
 580 585 590  
 Ser Ile Met Phe Ala Glu Cys Ala Ser Ile Pro Leu Leu Lys Ala Asp  
 595 600 605  
 Leu Pro Gln Gly Glu Ser Trp Leu Cys Cys Ala Val Leu Ala Gly Gly  
 610 615 620  
 Arg Gln Leu Ala Ala Ala Thr Pro Gln Leu Asn Ile Thr His Ser Arg  
 625 630 635 640  
 Val Val Ile Ser Glu Pro Gly Ser Glu Arg Lys Leu Ser Phe Thr Leu  
 645 650 655

&lt;210&gt; 11059

&lt;211&gt; 412

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11059

Gln Lys Arg Gln His Asp Lys Leu Arg Arg Gln Arg Arg Asn Arg Asn  
 1 5 10 15  
 Met Leu Ser Arg Ile Lys Glu Glu Arg Leu Pro Val Ile Ala Ala Pro  
 20 25 30  
 Val Asp Ser Arg Ala Phe Ser Asp Glu Leu Asn Ser Ala Arg Ser His  
 35 40 45  
 Val Leu Asp Leu Ile Ser Arg His Leu Thr Glu Phe Gly Asp Lys Phe  
 50 55 60  
 Pro Ala Glu Thr Cys Gln Asn Gly Phe Tyr Pro Leu Thr Asp Asn Val  
 65 70 75 80  
 Glu Trp Thr Thr Ser Phe Trp Thr Gly Gln Leu Trp Leu Ala Trp Glu  
 85 90 95  
 Met Ser Gly Glu Glu Lys Phe Arg Ala Met Ala Glu Lys His Val Arg  
 100 105 110

Ser Phe Gly Leu Arg Ile Ala Gly Arg Asn Asp Thr Asn Thr His Asp  
 115 120 125  
 Leu Gly Phe Leu Tyr Thr Leu Ser Cys Val Ala Ala Trp Arg Leu Thr  
 130 135 140  
 Gly Asn Arg Glu Ala Arg Gly Phe Ser Leu Leu Ala Ala Glu Ala Leu  
 145 150 155 160  
 Leu Glu Arg Phe His Glu Lys Ala Lys Ile Ile Gln Ala Trp Gly Asp  
 165 170 175  
 Leu Ser Asp Pro Glu Gln Ala Gly Arg Met Ile Ile Asp Cys Asn Met  
 180 185 190  
 Asn Leu Pro Leu Leu Tyr Trp Ala Thr Glu Gln Thr Gly Asp Pro Arg  
 195 200 205  
 Phe Ala Asp Ala Ala Lys Ala His Val Met Gln Ala Ala Thr Tyr Leu  
 210 215 220  
 Ile Arg Asp Asp Ala Ser Thr Phe His Thr Tyr Tyr Met Asp Val Ala  
 225 230 235 240  
 Thr Gly Ala Pro Arg Tyr Gly Asn Thr Gln Gln Gly Tyr Ala Asp Asp  
 245 250 255  
 Ser Cys Trp Ser Arg Gly Gln Ala Trp Gly Ile Tyr Gly Phe Leu Leu  
 260 265 270  
 Ser Tyr Ile Tyr Thr Gly Asp Glu Thr Met Ile Ala Leu Ser Lys Arg  
 275 280 285  
 Leu Ala Asn Tyr Phe Leu Asn Arg Leu Pro Glu Asp Tyr Val Cys His  
 290 295 300  
 Trp Asp Leu Ala Leu Val Gly Thr Asp Ala Leu Arg Asp Ser Ser Ser  
 305 310 315 320  
 Ala Ala Ile Ala Val Cys Gly Leu Leu Glu Leu Val Lys His Leu Pro  
 325 330 335  
 Val Thr Asp Pro Asp Arg Glu Arg Tyr Leu Glu Trp Ala Lys Gly Ile  
 340 345 350  
 Met Ser Thr Leu Thr Lys His Tyr Leu Met Gly Lys Glu Glu Lys Gly  
 355 360 365  
 Asn Gly Leu Leu Lys His Ser Val Tyr His Leu Ala Ser Asn Lys Gly  
 370 375 380  
 Val Asp Glu Cys Ala Ser Trp Gly Asp Tyr Phe Tyr Val Glu Ala Leu  
 385 390 395 400  
 Val Arg Phe Thr Gln Ser Trp Lys Leu Tyr Trp  
 405 410

&lt;210&gt; 11060

&lt;211&gt; 189

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11060

Arg Leu Arg Leu Leu Val His Val Ala Gln Arg Asn Ser Met Lys Ile  
 1 5 10 15  
 Ala Cys Leu Gly Trp Gly Ser Leu Ile Trp Lys Ser Gly Ala Leu Pro  
 20 25 30  
 Val Ala Gly Glu Trp Gln Thr Asp Gly Pro Ser Leu Pro Val Glu Phe  
 35 40 45  
 Cys Arg Val Ser Asp Gly Gly Glu Leu Ala Thr Ala Ile Cys Met Asn  
 50 55 60  
 Ala Pro Ala Val Pro Val Leu Trp Ala Trp Leu Glu Ala Thr Thr Leu  
 65 70 75 80  
 Ser Val Ala Cys Arg Ala Leu Arg Glu Arg Glu Ala Ile Pro Glu Asp  
 85 90 95  
 Arg Cys Asp Gly Ile Gly Ser Leu Leu Ile Thr Gly Arg Asp Thr Gly  
 100 105 110  
 Ile Leu Thr Thr Trp Ala Arg Glu Lys Gly Ile Glu Ala Ile Ile Trp  
 115 120 125

Thr Gly Leu Pro Pro Arg Ser Ala Ser Gln Glu Gly Arg Val Pro Ala  
 130 135 140  
 Val Asp Glu Ala Ile Ala Tyr Leu Asp Gly Leu Ser Gly Glu Thr Arg  
 145 150 155 160  
 Ser His Ala Arg Asp Tyr Ile Cys Arg Val Pro Ala Gln Leu Asp Thr  
 165 170 175  
 Pro Tyr Arg Arg Ala Ile Lys Glu Val Leu Gly Trp  
 180 185

&lt;210&gt; 11061

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11061

Gly Arg Leu Pro Trp Arg His His Arg Gln Leu Thr His Leu Ser Arg  
 1 5 10 15  
 Asp Ile Pro Leu Ala Ile Pro Gly Asp Leu Asn Lys Lys Leu Gly Lys  
 20 25 30  
 Tyr Ala Arg Phe Arg Leu Asp Gly Asn Ile Ser Ala Gln Ile Leu Asp  
 35 40 45  
 Leu Leu Thr Arg Lys Glu Gln Pro Asn Ala Ala Val Phe Thr Phe Cys  
 50 55 60

65

&lt;210&gt; 11062

&lt;211&gt; 83

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11062

Ser Cys Leu Ser Ser Ala Leu Ala Thr Val Ser Arg Trp Leu Arg Trp  
 1 5 10 15  
 Ala Gly Asp Ile Ser Ile Phe Gln Tyr His Asn Phe Ala Pro Gly Gln  
 20 25 30  
 Glu Ser Gly Lys Asn Gln Asp Asn Asp Lys Thr Glu Val Asn Asn Gln  
 35 40 45  
 Thr Gly Ile Ala Thr Leu Met Gln Pro Leu Gln Lys Arg Leu Phe Tyr  
 50 55 60  
 Asn Lys Gly Ile Val Leu His Thr His Ser Leu Ile Val Ala His His  
 65 70 75 80  
 Pro Ile

&lt;210&gt; 11063

&lt;211&gt; 67

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11063

Ser Gly Glu Thr Arg Gly Arg Gln Ala Leu Arg His Gly Lys Arg Val  
 1 5 10 15  
 Ser Gly Gly Trp Ala Ser Pro Ser Glu Arg Arg Ser Ser Cys Lys Arg  
 20 25 30  
 Asp Gly Tyr Gln Ala Leu His Glu Ser Ser Gly Val Ala Pro Ala Gly  
 35 40 45  
 Thr Ala Pro Pro Gly Lys Gln Glu Pro Tyr Arg Val Phe Glu Arg Ile  
 50 55 60  
 Ala Ala  
 65

&lt;210&gt; 11064

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11064

Arg	Leu	Pro	Gly	Leu	His	Ser	Pro	Gln	Gln	Tyr	Leu	Asn	Val	Ala	Lys
1				5					10					15	
Leu	Phe	Ile	Leu	Cys	Thr	Leu	Val	Arg	Pro	Ala	Phe	Ser	Cys	Leu	Lys
				20				25					30		
Pro	Ser	Phe	Ser	Ser	Arg	Asn	Leu	Tyr	Leu	Pro	Leu	Thr	Ile	Glu	Thr
				35				40					45		
Asn	Pro	Ile	Asp	Ser	Lys	Ser	Trp	His	Ala	Tyr	Tyr				
				50				55				60			

&lt;210&gt; 11065

&lt;211&gt; 72

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11065

Lys	Leu	Cys	Asp	Gly	Ile	Lys	Phe	Gly	Gly	Glu	Met	Arg	Ser	Asp	Ala
1				5					10					15	
Leu	Thr	Pro	Thr	Leu	Ser	His	Gly	Glu	Arg	Glu	Lys	Gly	Thr	Asn	Arg
				20				25					30		
Arg	Pro	Gly	Lys	Ala	Lys	Pro	Pro	Pro	Gly	Lys	Gly	Leu	Glu	Ala	Arg
				35				40				45			
Ile	Tyr	Arg	Arg	Arg	Gln	His	Leu	Gln	Gln	Pro	Phe	Ala	Val	Phe	Pro
				50				55			60				
Ala	Gln	Ala	Arg	Val	Gly	Asp									
	65			70											

&lt;210&gt; 11066

&lt;211&gt; 94

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11066

Thr	Thr	Ser	Arg	Ser	Gly	Trp	Ala	Lys	Thr	Thr	Gly	Tyr	Lys	Met	Ala
1					5				10					15	
Arg	Val	Lys	Thr	Ser	Leu	Lys	Leu	Phe	Gly	Gly	Asp	Thr	Val	Val	Val
					20				25				30		
Arg	Cys	Ser	Glu	Arg	Cys	Arg	Ile	His	Leu	Ile	Ser	Ser	Lys	Gly	Gln
					35			40				45			
Lys	Gln	Ser	Gln	Ala	Asp	Ile	Leu	Thr	Val	Gln	Asp	Asp	Lys	Ala	Trp
					50			55			60				
Leu	Thr	Val	Pro	Tyr	Thr	Gly	Thr	Trp	Asp	Val	Leu	Ile	Asp	Ser	His
					65			70			75		80		
Ser	Gln	Ser	Leu	Glu	His	Ser	Val	Ser	Tyr	Val	Ala	Ala			
					85				90						

&lt;210&gt; 11067

&lt;211&gt; 128

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11067

Ile	Met	Lys	Leu	Thr	Asn	Arg	Leu	Lys	Lys	Leu	Leu	Val	Leu	Asp	
1					5				10				15		
Gly	Ile	Asp	Asn	Asp	Phe	Ile	Glu	Tyr	Gly	Lys	Glu	Ile	Thr	Cys	Pro

20	25	30
Glu Cys Glu Gly Val Ile Val Tyr Ser Ile Val Asn Ser Tyr Glu Phe		
35	40	45
Asp Thr Leu Thr Glu Glu Val Lys Cys Phe Leu Val Lys Lys Met Arg		
50	55	60
Gly Val Lys Leu Asp Ser Glu His Lys Lys Tyr Ser Tyr Asp Glu Ser		
65	70	75
80		
Gln Leu Asp Val Ser Lys Asn Thr Cys Ser Lys Cys Leu Lys Glu Phe		
85	90	95
Ser Ala Ile Leu Thr Tyr Lys Glu Val Gln Pro Ala Arg Tyr Arg Val		
100	105	110
Tyr Leu Val Gly Leu Phe Glu Gly Asp Leu Lys Gln Ile Lys Leu		
115	120	125

&lt;210&gt; 11068

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11068

Val Gln Lys Arg Gln Lys Asn Asp Asn Tyr Asn Arg Trp Gln Lys Arg			
1	5	10	15
Asn Cys Ile Ser Ser Tyr Ile Lys Gln Phe Lys Lys Gly Tyr Glu Glu			
20	25	30	
Lys Asp Asp Tyr Gly Leu His Cys His Ile Asp Val Tyr Lys Pro Leu			
35	40	45	
Glu Glu Val Asp Ala Thr Ile Pro Ser His Val Glu			
50	55	60	

&lt;210&gt; 11069

&lt;211&gt; 76

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11069

Ile Pro Cys Ile Phe Tyr Leu Val Leu Pro Phe Ile Ile Ile Phe Met			
1	5	10	15
Pro Glu Ala Tyr Asn Gly Leu Ser Leu Leu Asn Ile Asn Leu Ile Thr			
20	25	30	
Ile Thr Cys Ile Phe Ile Leu Phe Ile Ser Phe Cys Trp Leu Ala Pro			
35	40	45	
Ser Arg Ile Val Val His Thr Tyr Leu Leu Ala Lys Arg Glu Val Asn			
50	55	60	
Asp Ala Ile Gln Ile Glu Lys Arg Ile Thr Arg			
65	70	75	

&lt;210&gt; 11070

&lt;211&gt; 62

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11070

Lys Pro Thr His Gly Gly Tyr Arg Pro Cys Ala Ala Tyr Gly Glu Lys			
1	5	10	15
Phe Val Glu Asp Thr Pro Trp Gly Val Val Ala Gln Ser Val Gly Asn			
20	25	30	
Ser Cys Leu Ile Glu Val Arg Asn Thr Ala Leu Phe Leu Gln Lys Pro			
35	40	45	
Arg Asn Ala Gly Asp Glu Lys Leu Ala Leu Pro Leu His			
50	55	60	

&lt;210&gt; 11071

&lt;211&gt; 112

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11071

Gly	Leu	Pro	Met	Ile	Glu	Asn	Leu	Ile	Cys	Ile	Lys	Glu	Lys	Asp	Leu
1					5				10						15
Leu	Gln	Trp	Ala	Cys	Gly	Glu	Ser	Asn	Ile	Leu	Val	Ser	Val	Pro	Phe
					20				25						30
Leu	Ser	Tyr	Ala	Leu	Val	Asp	Leu	Thr	Arg	Gln	Leu	Val	Phe	Val	Leu
					35				40						45
Ser	Glu	Pro	Lys	Pro	Leu	Ser	Thr	Val	Leu	Thr	Ile	Phe	Asn	Val	Gln
					50				55						60
Gly	Glu	Lys	Leu	Phe	Trp	Ser	Ala	Pro	Pro	Glu	Gly	Ala	Thr	Phe	Tyr
					65				70						80
Tyr	Leu	Thr	Phe	Asn	Leu	Ser	Lys	Glu	Val	Ile	Val	Val	Cys	Ser	Tyr
					85				90						95
Pro	Ala	Lys	Lys	Met	Ala	Gly	Met	Ile	Gly	Phe	Ile	Pro	Gly	Ile	
					100				105						110

&lt;210&gt; 11072

&lt;211&gt; 143

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11072

Leu	Met	Lys	Pro	Leu	Tyr	Phe	Leu	Leu	Phe	Ala	Leu	Ser	Pro	Leu	Ala
1									5		10				15
Ala	Ala	Glu	Asn	Ile	Tyr	Ala	Pro	Gly	Gln	Ala	Ala	Leu	Lys	Phe	Asn
					20				25						30
Gln	Trp	Tyr	Ile	Ala	Gln	Leu	Asp	Gln	Asn	Lys	Pro	Pro	Val	Leu	Asn
					35				40						45
Pro	Asp	Ile	Met	Asn	Glu	Tyr	Val	Ala	Ser	Gly	Thr	Ile	Ala	Ile	
					50				55						60
Lys	Glu	Met	Tyr	Ser	Gly	Asp	Ser	Asn	Asp	Lys	Asp	Met	Pro	Asp	Ala
					65				70						80
Asp	Met	Phe	Ile	Lys	Ala	Gln	Asp	Trp	Asp	Asp	Asp	Trp	Asn	Gln	Ile
					85				90						95
Thr	Val	Leu	His	Ser	Asp	Phe	Asp	Ala	Val	Cys	Thr	Asn	Val	Tyr	Val
					100				105						110
Ala	Phe	Gly	Lys	Lys	Gln	Asp	His	Val	Ile	Ala	Asp	Cys	Leu	Val	Glu
					115				120						125
Glu	Gln	Gly	Lys	Trp	Lys	Val	Arg	Ser	Ala	Thr	Leu	Ile	Lys		
					130				135						140

&lt;210&gt; 11073

&lt;211&gt; 115

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11073

Val	Gly	Val	Ile	Thr	Ala	Lys	Ser	His	Ala	Gln	Pro	Ser	Ser	Thr	Gly
1						5				10					15
Tyr	Cys	Ala	Arg	Tyr	Val	Thr	Glu	Ala	Ile	Arg	Ala	Gly	Gly	Arg	Leu
					20				25						30
Lys	Ile	Pro	Asn	Thr	Arg	Leu	Ala	Lys	Asp	Met	Gly	Arg	Thr	Leu	Val
					35				40						45
Asn	Ala	Gly	Phe	His	Leu	Val	Tyr	Asp	Gln	Pro	His	Ala	Gly	Asp	Val
					50				55						60
Ala	Val	Ile	Gln	Asn	Ile	Val	Gly	His	Asp	Ser	Gly	His	Val	Cys	Ile

65 Tyr Asp Gly Gln Gln Trp Ile Ser Asp 85 Pro Gly Gln Ala Tyr Arg Asn Ile Gln 100 His Asp	70 85 100 115	75 90 105	80 95 110
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&lt;210&gt; 11074

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11074

Met Arg Arg Phe Thr Ala Asp Ile Thr Ser Gly Gly Gln Ser His Arg 1 Phe Ala Val Ile Leu Met Arg Ile Val Ile Ile Asn Gln Leu Asn Val 20 Glu Tyr Phe Pro Ser Lys Pro Tyr Ile His Glu Met Cys Gly Tyr 35 Ser Phe His Asn Ile Tyr Lys Gly Phe Asn Ile Tyr Thr Gln Val Pro 50 Val Asp Leu Val Arg Ile Phe Leu Asn Arg Phe Thr Pro	5 10 15 25 30 40 45 55 60 70 75
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&lt;210&gt; 11075

&lt;211&gt; 225

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11075

Asn Tyr Arg Ile His Ile Asp Gly Met Pro His Met Thr Gly Arg Val 1 Asp Tyr His Leu Glu Lys Tyr Leu Leu Thr Glu Ala Gly Glu Pro Glu 20 Arg Leu Thr Arg Gln Trp Ala Glu Val Met Arg Glu Cys His Asp Gln 35 Lys Ser Gly Ala Glu Glu Arg Leu Arg Leu Ala Leu Leu Asn Val Asp 50 Tyr Val Thr Ser Phe Glu Leu Pro Phe Arg Leu Leu Leu Thr Arg Ala 65 Pro Gln Leu Ile Asp Gly Ile Arg Asn Glu Phe Gln Leu Ser Gln Lys 85 Asn Val Leu Phe Asn Gly Lys Arg Phe Gly Cys Val Tyr Ser Leu Lys 100 Gln Asp Leu Lys Gly Ile Pro Asp Glu Phe Thr Tyr His Leu Asn Thr 115 Arg Ile Gln Arg Ile Asp Ala Ser Gly Gly Ser Glu Val Pro Tyr Arg 130 Gln Ile Ala Gln Gln Val Lys Ala Pro Arg Glu Arg Leu Gln Leu Ala 145 Leu Glu Gln Gly Leu Ala Val Thr Ala Leu Asp Gly Leu Phe Trp Phe 165 Gly Leu Gln Arg Ile Ala Ala Asp Val Gln Arg Leu Arg Lys Thr Gly 180 Met Arg Ile Val Thr Ser Asp Thr Glu Val Phe Asp Thr Leu Thr Gly 195 Thr Thr Arg Arg Ile Pro Val Tyr Arg Leu Glu Asp Ala Ala Ala Thr	5 10 15 25 30 40 45 55 60 70 75 80 85 90 95 105 110 120 125 135 140 150 155 160 170 175 185 190 200 205 215 220
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<210> 11076  
<211> 83  
<212> PRT  
<213> Enterobacter cloacae

<400> 11076  
Cys Glu Val Ile Met Ser Asp Val Val Leu Leu Val Pro Asn Asp Trp  
1               5               10               15  
Val Ser Glu Lys Val Leu Ile Ala Val Thr Gly Leu Lys Pro Gly Thr  
20              25              30  
Ile, Leu Arg Ala Arg Lys Glu Cys Trp Met Val Gly Arg Glu Tyr Val  
35              40              45  
His Val Ser Pro Asp Gly Asn Pro Lys Pro Ser Ser Glu Cys Met Tyr  
50              55              60  
Asn Arg Lys Ala Val Asp Ala Trp Val Ala Ser Met Lys Asn Lys Gln  
65              70              75              80  
Pro Gly

<210> 11077  
<211> 62  
<212> PRT  
<213> Enterobacter cloacae

<400> 11077  
Ile Leu Ser Asn Arg Ala Gly Glu Cys Leu Ser Gly Ala Asn Ile Leu  
1               5               10               15  
Asn Ser Met Asn Lys Ile Trp Gln Ala Asp His Tyr Phe Phe Trp Arg  
20              25              30  
Val Val Asn Glu Lys Lys Thr Ser Phe Tyr Leu Arg Gly Tyr Ser Ala  
35              40              45  
Asp Gly Gly Asp Cys Arg Ser Gly Ala Gly Ser His Gln  
50              55              60

<210> 11078  
<211> 334  
<212> PRT  
<213> Enterobacter cloacae

<400> 11078  
Ala Ala Asn Leu Arg Ser Ala Asp Leu Ser Gly Gly Ala Val Arg Arg  
1               5               10               15  
Leu Leu Ile Ala Leu Leu Leu Cys Ser Gly Gly Ser Trp Ala Ala  
20              25              30  
Cys Thr Val Ser Thr Val Asn Ala Ser Phe Gly Ser Val Thr Ser Phe  
35              40              45  
Ala Leu Ser Gly Thr Gly Glu Val Glu Thr Thr Gly Thr Leu Val Val  
50              55              60  
Thr Cys Asp Thr Val Leu Asn Leu Leu Thr Asn Asp Ser Val Thr Leu  
65              70              75              80  
Asn Tyr Thr Ser Ala Ser Val Phe Ala Asn Ser Arg Ala Thr Met Lys  
85              90              95  
Arg Thr Asp Asn Ala Ala Ile Thr Asp Val Ile Pro Thr Arg Leu Cys  
100            105            110  
Gly Ala Ser Gly Cys Gly Gly Asn Ser Glu Ile Gln Ile Ser Lys Ala  
115            120            125  
Tyr Thr Trp Ser Gly Asn Thr Leu Leu Gly Leu Leu Gly Ser Arg Arg  
130            135            140  
Tyr Asn Ile Pro Leu Tyr Phe Arg Thr Val Met Gly Gln Asn Val Thr  
145            150            155            160

Ala Gly Pro Tyr Gln Val Leu Leu Thr Phe Ser Ile Asn Tyr Asn Val  
                   165                  170                  175  
 Cys Ala Val Gly Ala Val Gly Ala Cys Leu Thr Pro Gln Thr Gly Thr  
                   180                  185                  190  
 Ala Thr Thr Ser Ile Leu Leu Asn Met Thr Val Thr Asn Asp Cys Ser  
                   195                  200                  205  
 Thr Met Thr Thr Pro Asp Val Asn Phe Asn Ser Ala Pro Leu Val Gln  
                   210                  215                  220  
 Asn Phe Pro Thr Val Ser Gln Ser Val Ala Val Thr Cys Thr Lys Gly  
                   225                  230                  235                  240  
 Ser Thr Tyr Thr Ile Gly Ile Asn Asn Gly Ala Asn Ala Leu Asn Asn  
                   245                  250                  255  
 Val Arg Arg Met Val Ser Gly Ser Asn Phe Met Ser Tyr Asp Ile Tyr  
                   260                  265                  270  
 Lys Glu Ala Thr Ser Asn Arg Trp Gly Ser Ser Gly Ser Glu Arg Trp  
                   275                  280                  285  
 Ala Ser Ala Ser Ser Ser Gln Val Ser Thr Asp Gly Leu Leu Arg Thr  
                   290                  295                  300  
 Tyr Asn Tyr Thr Ala Lys Val Leu Thr Ser Gln Ala Thr Pro Pro Ala  
                   305                  310                  315                  320  
 Gly Thr Tyr Thr Asp Thr Leu Ile Val Asp Val Ala Phe  
                   325                  330

&lt;210&gt; 11079

&lt;211&gt; 62

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11079

Lys Phe Ser Ala Thr Arg Cys Ser Ser Thr Thr Ala Asn Cys Leu Pro  
 1                  5                  10                  15  
 Phe His Gln Ser Ser Gly Ile Ser Glu Gly Trp Leu Ala Lys Leu Thr  
                   20                  25                  30  
 Phe Pro Phe Asp Thr Lys Glu Thr Leu Phe Tyr Lys Ser Val Thr Arg  
                   35                  40                  45  
 Val Leu Thr Leu Phe Ala Phe Leu Pro Phe Thr Pro Leu  
                   50                  55                  60

&lt;210&gt; 11080

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11080

Ile Thr Tyr Arg Val Asp Phe Val Asp Asp Pro His Leu Leu Thr Ser  
 1                  5                  10                  15  
 Ser Asp Gln Leu Arg Val Glu Asn Lys Cys Thr Leu Val Ala Leu Ser  
                   20                  25                  30  
 Ser Ala Val Phe Ala Gln Leu Asn Ile Asp Leu Met Leu Phe Ser Lys  
                   35                  40                  45  
 Pro Gly His Phe Arg Leu Ile Pro Gln Asp Ala Asp Arg Arg Leu Asn  
                   50                  55                  60  
 Glu Val Tyr His Ser Val Gly Thr Gly Leu Ser Phe Arg  
                   65                  70                  75

&lt;210&gt; 11081

&lt;211&gt; 465

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11081

Ser Arg Arg Arg Lys Met Lys Trp Met Asn Ala Val Val Tyr Ala Ala  
 1 5 10 15  
 Leu Leu Ala Met Ala Gly Pro Ala Phe Ser Glu Gly Ala Pro Ala Glu  
 20 25 30  
 Ser Pro Arg Asp Tyr Ala Tyr Gly Leu Ser Leu Asp Thr Ser Ala Ser  
 35 40 45  
 Ser Pro Trp Tyr Arg Val Met Leu Pro Leu Ala Ile Tyr Gln Gln Ser  
 50 55 60  
 Thr Ser Pro Asp Leu Arg Asp Val Arg Val Phe Asn Gln Ser Gly Glu  
 65 70 75 80  
 Pro Val Pro Phe Ser Leu Val Thr Thr Arg Pro Gln Pro Ala Pro  
 85 90 95  
 Thr Thr Thr Ala Leu Arg Leu Phe Ala Leu Asn Ala Ser Pro Gly Gly  
 100 105 110  
 Glu Glu Asp Ser Gly Asp Lys Ile Met Leu Arg Ala Arg Asn Gly Val  
 115 120 125  
 Glu Ile Val Leu Glu Gly Gln His Ala Ala Ala Gly Gln His Tyr  
 130 135 140  
 Leu Leu Thr Leu Pro Glu Asn Ala Thr Glu Val Pro Leu Ser Gln Leu  
 145 150 155 160  
 Gln Leu Phe Trp Asp Thr Pro Gln Gly Ser Trp Gln Gly Thr Ala Ser  
 165 170 175  
 Val Tyr Tyr Ser Glu Asp Leu Lys Asn Trp Tyr Thr Leu Arg Glu Glu  
 180 185 190  
 Met Pro Leu Leu Asp Val Met Ser Gly Arg Glu Arg Leu Lys Leu Asp  
 195 200 205  
 Arg Ile Asp Thr Asp Leu Val Leu Ser Pro Glu Ala Asn Arg Tyr Leu  
 210 215 220  
 Leu Leu Val Leu Asn Thr Gly Arg Ser Ala Leu Thr Leu Thr Gly Val  
 225 230 235 240  
 Asn Ala Ile Asn Ala Pro Ala Pro Pro Glu Ser Glu His Ile Ser Leu  
 245 250 255  
 Ala Gly Glu Gly Glu Arg Leu Ser Glu Ser Glu Ala Val Trp Arg Trp  
 260 265 270  
 Lys His Pro Gln Pro Leu Ser Ala Ile Ala Phe Met Leu Asn Gly Asp  
 275 280 285  
 Gly Val Leu Pro Ala Glu Ile Ala Trp Arg Gly Ala Asp Lys Asp Arg  
 290 295 300  
 Trp His Thr Leu Lys Lys Glu Val Ile Tyr Gln Leu Gly Gly Lys Thr  
 305 310 315 320  
 Ala Glu Pro Val Pro Leu Pro Gly Gly Leu Val Glu Ala Val Lys Ile  
 325 330 335  
 Lys Thr Leu Asn Ala Arg Leu Pro Glu Asn Leu Pro Gly Val Ile Gly  
 340 345 350  
 Gln Arg Val Arg Tyr Asp Leu Val Phe Asn Ala Gln Gly Lys Gly Pro  
 355 360 365  
 Tyr Leu Leu Ala Trp Gly Asn Gly Ala Ala Lys Pro Ala Ser Val Glu  
 370 375 380  
 Thr Asp Met Leu Ile Pro Thr Glu Leu Arg Lys Thr Tyr Asp Leu Ala  
 385 390 395 400  
 Ala Leu Pro Met Ala Asp Thr Leu Glu Pro Val Pro Leu Gly Gly Glu  
 405 410 415  
 Ala Arg Leu Thr Ala Thr Ser Ala Ala Glu Gln Glu Ser Arg Met Lys  
 420 425 430  
 Thr Leu Met Val Trp Gly Val Leu Ile Ala Gly Val Met Val Leu Ala  
 435 440 445  
 Gly Met Ala Trp Arg Ile Trp Arg Glu Val Lys Lys Asp Gly Ala Ala  
 450 455 460

&lt;210&gt; 11082

&lt;211&gt; 879

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11082

Arg Ile Val Tyr Gly Glu Gly Gly Asn Met Asp Glu Leu Tyr Ile Leu  
 1 5 10 15  
 Gly Cys Leu Phe Leu Val Phe Ala Leu Val Val Ala Pro Val Leu Ala  
 20 25 30  
 Val Ile Gly Phe Asn Arg Ser Thr Ala Ala Arg Gln Glu Ile Ala Arg  
 35 40 45  
 Leu Arg Gln Arg Ile Glu Ala Leu Glu Gln Arg Ser Val Ala Glu Lys  
 50 55 60  
 Ala Pro Glu Gln Val Gln Thr Ala Ala Pro Val Lys Thr Pro Ala Pro  
 65 70 75 80  
 Val Ser Glu Ala Ala Asn Ala Pro Val Asp Pro Trp Arg Pro Glu Pro  
 85 90 95  
 Pro Val Thr Glu Ala Glu Pro Val Pro Val Pro Ala Ala Lys Arg Pro  
 100 105 110  
 Ser Ala Phe Gly Gly Ile Leu Ser Ser Leu Thr Arg Trp Phe Met Gln  
 115 120 125  
 Gly Asn Pro Leu Ala Lys Leu Gly Ile Val Leu Leu Phe Leu Gly Leu  
 130 135 140  
 Ser Phe Leu Leu Arg Tyr Thr Val Glu His Ser Leu Phe Pro Leu Glu  
 145 150 155 160  
 Leu Arg Leu Ala Ala Thr Ala Leu Phe Ala Met Val Leu Leu Ala Val  
 165 170 175  
 Gly Trp Arg Leu Arg His Arg Gln Arg Ile Tyr Ala Leu Ile Leu Gln  
 180 185 190  
 Gly Gly Ala Thr Gly Val Leu Tyr Leu Thr Val Phe Gly Ala Phe Arg  
 195 200 205  
 Leu Trp Gln Met Leu Pro Met Thr Leu Ala Phe Val Leu Leu Val Val  
 210 215 220  
 Ile Cys Ala Ala Ser Val Gly Leu Ala Val Leu Gln Lys Ala Leu Ser  
 225 230 235 240  
 Leu Ala Met Leu Ala Ser Leu Gly Gly Tyr Leu Ala Pro Leu Leu  
 245 250 255  
 Ser Thr Gly Gly Ser Phe Val Ala Leu Phe Ser Phe Tyr Leu Leu  
 260 265 270  
 Leu Ser Ile Gly Ile Leu Val Ile Ser Ile Trp Gln His Trp Arg Glu  
 275 280 285  
 Leu Asn Leu Leu Gly Leu Leu Phe Thr Phe Gly Val Gly Gly Val Trp  
 290 295 300  
 Gly Leu Ser Asp Tyr Gln Pro Glu Asp Tyr Val Ile Cys Gln Leu Phe  
 305 310 315 320  
 Leu Ile Ala Asn Thr Leu Ile Phe Gly Val Phe Ser Val Ala Leu Ser  
 325 330 335  
 Leu Arg Ala Gln Glu Lys Gly Lys Gln Ile Ile Asp Gly Val Leu Leu  
 340 345 350  
 Phe Ala Pro Pro Leu Ile Gly Phe Gly Met Gln Tyr Gly Met Thr Ser  
 355 360 365  
 His Trp Thr Tyr Gly Pro Ala Leu Ser Ala Leu Gly Tyr Gly Ala Phe  
 370 375 380  
 Tyr Leu Ser Leu Ala Phe Leu Ala Leu Arg Arg Tyr Pro Ser Ile Gly  
 385 390 395 400  
 Arg Pro Leu Val Met Ala Ala Leu Ala Ile Gly Gly Gly Phe Ala Thr  
 405 410 415  
 Leu Ala Ile Pro Leu Ala Leu Ser Ala Arg Trp Thr Ala Met Ala Trp  
 420 425 430  
 Ala Leu Glu Gly Leu Gly Ile Leu Trp Leu Gly Val Gln Gln Gln

435	440	445
Arg Arg Met Ser Tyr Ser Gly	Thr Ala Leu Leu Val	Leu Ala Leu Gly
450	455	460
Ser Ala Ile Trp Ala Gln Met Asp Gly Val	Thr Ser Leu Ser Leu	Leu
465	470	475
Leu Ile Phe Ala Val Leu Ser Leu Cys	Trp Leu Ala Ala Ala	Trp Leu
485	490	495
Trp Gln Lys Ile Ala Leu Pro Gly Ser	Trp Ala Leu Leu Ala	Gly Gly
500	505	510
Leu Leu Phe Trp Leu Val Ala Leu Leu Gly	Ala Ser Gln Leu Phe	Leu
515	520	525
Lys Gln Glu Leu Ser Leu Leu Ala Gly Val	Leu Ala Leu Thr	Ala Ala
530	535	540
Ser Thr Trp Gly Trp Arg Gln Ala Ala Ala	Arg Leu Ala Trp Trp	Glu
545	550	555
Leu Asp Ala Ser Lys Trp Leu Leu Trp Pro	Val Met Leu Leu Met	Val
565	570	575
Leu Tyr Gln Val Ser His Gln Ile Leu Ala	Ala Gly Trp Ala Asn	
580	585	590
Leu Ala Trp Ala Ile Ala Leu Pro Ala Ala	Leu Met Leu Leu Arg	Arg
595	600	605
Asp Glu Asp Lys Leu Leu Pro Arg Ile Ser	Met Gly Leu His Leu	Ser
610	615	620
Leu Leu Trp Met Ile Leu Leu Ala Leu Ala	Glu Leu Tyr Trp	Phe
625	630	635
Ala Arg Ser Leu Pro Trp Gly Met Ala Ala	Trp Gly Ser Gly	Ile Ala
645	650	655
Met Ala Val Gly Gly Val Ile Met Ala Leu	Ser Ala Ala Val	Arg
660	665	670
Arg Arg Gly Trp Pro Phe Arg Val Trp Pro	Ala Leu Tyr Ala Cys	Leu
675	680	685
Ala Ala Ile Pro Val Val Val Ala Leu Val	Val Leu Val Val	Thr
690	695	700
Asn Phe Gln Asp Gly Val Val Tyr Arg Lys	Thr Trp Leu Pro Leu	Val
705	710	715
Asn Pro Leu Glu Glu Gly Ala Ala Phe Ala	Leu Leu Gly Leu Val	Val
725	730	735
Phe Tyr Arg Ala Val Asp Arg Tyr Tyr	Pro Ala Ser Leu Ala	Gln Ser
740	745	750
Arg Pro Trp Pro Ala Val Val Leu Met Ala	Leu Gly Phe Trp Trp	Leu
755	760	765
Asn Gly Ala Leu Leu Arg Ala Leu Ala Trp	Tyr Gly Glu Val Ala	Trp
770	775	780
Asn Met Glu Ser Leu Trp His Ser Arg Leu	Ile Gln Thr Thr Phe	Ala
785	790	795
Leu Phe Trp Met Phe Cys Ala Leu Val Val	Met Ile Arg Ala Thr	Arg
805	810	815
Gln Ala Ser Arg His Gln Trp Leu Gly	Gly Ala Ala Leu Leu	Gly Val
820	825	830
Val Met Leu Lys Leu Met Leu Val Asp Ser	Ala Gly Gly Gly	Leu
835	840	845
Ala Arg Ala Val Ala Phe Ile Gly Val Ala	Ile Leu Val Leu Ile	Val
850	855	860
Gly Tyr Phe Ser Pro Leu Pro Pro Lys Ala	Gly Glu Glu Lys	
865	870	875

&lt;210&gt; 11083

&lt;211&gt; 73

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11083

Thr	Asp	Leu	Met	Leu	Tyr	Ser	Gly	Pro	His	Ser	Gly	Gly	Tyr	Leu	Trp
1				5					10					15	
Leu	Ser	Ala	Val	Val	Phe	Thr	Gly	Gly	Arg	Asp	Gly	Ile	Ala	Arg	Leu
				20			25						30		
Ala	Phe	Leu	Glu	Phe	Thr	Ala	Ser	Phe	Leu	Val	Ala	Val	Gly	Arg	Gln
				35			40					45			
Lys	Tyr	Asp	Thr	Ser	Ala	Gly	Lys	Arg	Glu	Leu	Gly	Thr	Ala	Ser	Leu
				50			55				60				
Arg	Pro	Ala	Pro	Asp	Ala	Asp	Ala								
				65			70								

&lt;210&gt; 11084

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11084

Cys	Asn	Leu	Arg	Arg	Ile	Glu	Leu	His	Leu	Cys	Ile	Leu	Ile	Gln	Arg
1					5				10				15		
Asp	Lys	Met	Cys	Gly	Gly	Cys	Leu	Arg	Leu	Ser	Val	Leu	Ser	Ile	Val
					20			25				30			
Glu	Gly	Gln	Lys	Val	Glu	Ser	Pro	Gly	Lys	Phe	Ser	Phe	Thr	Arg	Gly
				35			40				45				
Tyr	Ser	Leu	Asn	Ser	Asn	Lys	Leu	Arg	Val	Ala	Ser	Tyr	Ser	Phe	Phe
				50			55				60				
Asp	Lys	Glu													
		65													

&lt;210&gt; 11085

&lt;211&gt; 261

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11085

Ser	Ile	Lys	Arg	Thr	Ser	Ala	Arg	Ile	Arg	Gly	Gly	Arg	Leu	Asn	Asp
1					5				10			15			
Pro	Phe	Pro	Ser	Pro	Ala	Gly	Arg	Gly	Asn	Cys	Phe	Lys	Gly	Val	Thr
					20			25			30				
Met	Lys	Arg	Ser	Asp	Ile	Asn	Glu	Ile	Leu	Gly	His	Thr	Arg	Gln	Phe
				35			40				45				
Phe	Ser	Met	His	Asp	Val	His	Leu	Pro	Pro	Phe	Ala	Ser	Phe	Pro	Pro
				50			55			60					
Thr	Lys	Trp	Gln	Gln	Leu	Asp	Gln	Ala	Ala	Trp	Gln	Glu	Val	Phe	Asp
				65			70			75			80		
Leu	Arg	Leu	Gly	Trp	Asp	Val	Thr	Ala	Phe	Gly	Gly	Asn	Asn	Phe	Ala
				85			90				95				
Ala	Gln	Gly	Leu	Thr	Leu	Phe	Thr	Leu	Arg	Asn	Gly	Ser	Pro	Asn	Gly
				100			105				110				
Val	Pro	Tyr	Glu	Lys	Cys	Tyr	Ala	Glu	Lys	Ile	Leu	His	Val	Arg	Asp
				115			120				125				
Gly	Gln	Val	Thr	Pro	Met	His	Phe	His	Trp	Arg	Lys	Arg	Glu	Asp	Ile
				130			135			140					
Ile	Asn	Arg	Gly	Gly	Asn	Leu	Ile	Ile	Glu	Leu	Trp	Asn	Ala	Gly	
				145			150			155			160		
Ala	His	Glu	Glu	Thr	Glu	Asn	Thr	Asp	Val	Thr	Val	Thr	Val	Asp	Gly
				165			170				175				
Cys	Arg	Gln	Thr	His	Ala	Pro	Gly	Ser	Gln	Leu	Arg	Leu	Thr	Pro	Gly
				180			185				190				
Glu	Ser	Ile	Cys	Leu	Thr	Pro	Gly	Leu	Tyr	His	Ser	Phe	Trp	Gly	Glu
				195			200			205					

Arg Gly Phe Gly Asp Val Leu Val Gly Glu Val Ser Ser Val Asn Asp  
 210 215 220  
 Asp Glu His Asp Asn His Phe Leu Gln Pro Ile Asp Arg Tyr Asn Thr  
 225 230 235 240  
 Ile Glu Glu Asp Glu Pro Ala Val Leu Val Leu Cys Asn Glu Tyr Asn  
 245 250 255  
 Leu Phe Arg Ile  
 260

&lt;210&gt; 11086

&lt;211&gt; 117

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11086

Gly Gln Phe Thr Cys Glu Ser Gly Leu Met Lys Arg Tyr Ser Thr Ala  
 1 5 10 15  
 Leu Leu Leu Gly Leu Leu Thr Leu Thr Ser Gln Leu Ala His Ala Asp  
 20 25 30  
 Val Ile Asp Asp Ala Ile Gly Asn Ile Gln Gln Ala Ile Asn Asp Ala  
 35 40 45  
 Tyr Asn Pro Ser Ser Ser Arg Asn Asp Asp Asp Asp Asp Arg Tyr Asp  
 50 55 60  
 Arg Ser Arg Gln Ile Asp Ser Arg Gln Tyr Asp Asp Arg Arg Arg Gln  
 65 70 75 80  
 Leu Glu Asp Arg Arg Arg Leu Asp Glu Arg Gln Arg Gln Leu Asp  
 85 90 95  
 Asp Asp Arg Arg Arg Leu Glu Glu Asp Glu Arg Arg Leu Glu Asp Asp  
 100 105 110  
 Tyr Asp Arg Gly  
 115

&lt;210&gt; 11087

&lt;211&gt; 80

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11087

Lys Ser Leu Pro Thr Ser Met Thr Leu Lys Val Glu Ser Ile Ala Ile  
 1 5 10 15  
 Phe Cys Lys Lys Cys Trp Thr Ser Ala Asn Glu Asn Asp Tyr Tyr Cys  
 20 25 30  
 Ser Ala Phe Arg Lys Thr Ser Tyr Gly Asn Leu Lys Ala Arg His Cys  
 35 40 45  
 Ser His Cys Phe Gln Tyr Tyr Phe Ser Gln Leu Leu Ala Gly Phe Phe  
 50 55 60  
 Phe Val Met Val Arg Leu Ser Asn Leu Arg Lys Arg Thr Glu Pro  
 65 70 75 80

&lt;210&gt; 11088

&lt;211&gt; 73

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11088

Leu Asp Ala Val Asp Ala Gln Pro Val Val Ala His Ile Asn His Gly  
 1 5 10 15  
 Ala Asn Gln Arg Ala Gly His Ala Ala Val Met Pro Leu Cys Ala Asn  
 20 25 30  
 Ala Tyr Thr Glu Ile Gly Asn Val Ala Ala Ala Trp Ser Leu Gly Asp  
 35 40 45

Ile Asn Gly Glu Val Ala Tyr His Asp Ile Ile Asn Ala Gly Asn Gln  
 50 55 60  
 Leu Phe Asn Ala Arg Leu Phe Ala  
 65 70

&lt;210&gt; 11089

&lt;211&gt; 79

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11089

Arg His Arg Gln Ala Leu Cys Pro Ala Gln Arg Arg Val Cys Gly Cys  
 1 5 10 15  
 Val Leu Tyr Gly Ala Asn Glu Val Val Cys Cys Arg Val Ala Ala Ser  
 20 25 30  
 Pro Tyr Pro Ala Tyr Val Arg Val Val Val Gly Pro Val Ser Ala Ala  
 35 40 45  
 Pro Pro Gly Asn Lys Ile Asn Thr Pro Pro Leu Asn His Pro Pro Asn  
 50 55 60  
 Ala Gly Pro Thr Arg Gln Thr Ala Arg His Pro Val Arg Pro  
 65 70 75

&lt;210&gt; 11090

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11090

Gly Cys Arg Gln Gln Arg Arg Gln Glu Asn Lys Gly Gly Gln Phe His  
 1 5 10 15  
 Glu Ser Gly Leu Arg Gln Thr Glu Ser Pro Asp Ser Val Pro Val Val  
 20 25 30  
 Ala Gln Lys Ser Arg Ile Lys Phe Tyr Ile Arg Asn Tyr Lys Leu Ile  
 35 40 45  
 Arg Trp Asp Asp Leu Leu Met Ser Arg Phe Glu Ser Val Ile Tyr Asp  
 50 55 60

65

&lt;210&gt; 11091

&lt;211&gt; 95

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11091

Leu Asn Arg Pro Pro Gly Met Ser Thr Val Lys Met Glu Asn Val Ile  
 1 5 10 15  
 Arg Lys Asn Lys Arg Ala Pro Phe Pro Val Pro Trp Gly Gln Cys Leu  
 20 25 30  
 Asn Leu Gln Ser Ser His Leu Ser Pro Gly Lys Asn Pro Asp Ala Val  
 35 40 45  
 Phe Thr Glu Cys Met Arg Leu Thr Gly Gln Leu Val Cys Asn Asn Phe  
 50 55 60  
 Leu Pro Gly Leu Leu Arg Val Asn Pro Val Ile Val Tyr Leu Thr Ala  
 65 70 75 80  
 Pro Trp Pro Ala Gly His Leu Cys Ile Lys Ala Trp Gln Gln  
 85 90 95

&lt;210&gt; 11092

&lt;211&gt; 127

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11092

Glu	Asn	Ser	Thr	Leu	Asn	Arg	Gly	Lys	Met	Lys	Met	Met	Asn	Thr	Val
1				5				10						15	
Leu	Lys	Ala	Thr	Leu	Ile	Thr	Ala	Leu	Ile	Ser	Gly	Pro	Val	Leu	Ala
				20				25						30	
Val	Asp	Gly	Thr	Gly	Lys	Val	Gln	Leu	Ser	Asp	Leu	His	Phe	Ala	Ser
				35			40					45			
Ala	Ala	Asn	Gly	Leu	Gln	Gln	Ile	Glu	Gly	Thr	Gly	Thr	Asn	Val	Ser
				50			55				60				
Gly	Gly	Pro	Val	Lys	Thr	Val	Ile	Val	Lys	Phe	Asn	Leu	Leu	Gln	Asn
				65			70			75			80		
Gly	Ala	Val	Ile	Gly	Asn	Thr	Ala	Ala	Met	Ala	Glu	Asn	Leu	Glu	Pro
				85				90					95		
Gly	Gln	Gln	Trp	Lys	Leu	Gln	Ala	Pro	Tyr	Asp	Ser	Ile	Thr	Asn	Lys
				100				105				110			
Pro	Asp	Ser	Phe	Lys	Val	Thr	Glu	Leu	Thr	Val	Phe	Asn	Asn		
				115			120				125				

&lt;210&gt; 11093

&lt;211&gt; 247

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11093

Arg	Glu	Ala	Leu	Asp	Met	Ser	Asp	Gly	Lys	Thr	Lys	Gly	Gly	Thr	Thr
1					5				10					15	
Ala	Ser	Arg	Ala	Gly	Ala	Leu	Gln	Ser	Ser	Val	Asn	Ile	Leu	Leu	His
					20			25					30		
Thr	His	Tyr	Ala	Ile	Arg	Leu	Trp	Glu	Gly	Arg	Lys	Arg	Asp	Ala	Pro
					35			40			45				
Asp	Glu	Thr	Gly	Val	Lys	Lys	Arg	Pro	Glu	Ile	Ile	Ser	Met	Pro	
					50			55			60				
Gln	Ala	Ile	Ala	Arg	Ala	Gly	Asn	Ala	Ser	Arg	Asp	Ser	Ala	Ala	Asp
					65			70			75			80	
Asn	Pro	Tyr	Ala	Asp	Met	Ala	Leu	Val	Arg	Leu	Glu	Glu	Ala	Leu	Gln
					85				90			95			
Arg	Ala	Thr	Leu	Lys	Ile	Asn	Glu	Asn	Val	Ser	Ser	Leu	Asp	Ala	Ile
					100				105			110			
Leu	Ser	Ala	Val	Pro	Lys	Gly	Val	Thr	Leu	Ser	Glu	Val	Glu	Ser	Ala
					115			120			125				
Asp	Pro	Leu	Asn	Val	Ser	Val	Phe	Ser	Arg	Ser	Pro	Leu	Gly	Tyr	Arg
					130			135			140				
Cys	Val	Trp	Leu	Leu	Val	Gly	Tyr	Asp	Gln	Leu	Ala	Met	Lys	Ala	Phe
					145			150			155			160	
Gln	Ala	Phe	His	Tyr	Gly	Leu	Ile	Ser	Arg	Ser	Gln	Arg	Asp	Ala	Ile
					165				170			175			
Leu	Asp	Asn	Gly	Gly	His	Ala	Val	Arg	Gln	Val	Tyr	Gly	Val	Ile	Gln
					180			185			190				
Pro	Tyr	Arg	Thr	Leu	Ala	Val	Thr	Arg	Arg	Asp	Ile	Ala	Glu	Lys	Thr
					195			200			205				
Thr	Gln	Gly	Leu	Val	Ala	Ile	Glu	Arg	Asn	Gly	Glu	Pro	Asp	Pro	Asp
					210			215			220				
Val	Leu	Ser	Gly	Lys	Lys	Arg	Ser	Ser	Phe	Ser	Pro	Pro	Leu	Lys	Asn
					225			230			235			240	
Thr	Ile	Ala	Glu	Glu											
				245											

&lt;210&gt; 11094

&lt;211&gt; 183

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11094

Pro	Pro	Thr	Gly	Asn	His	Ser	Arg	Gln	Gly	Arg	Trp	Phe	Leu	Arg	Arg
1			5					10						15	
Thr	Tyr	Phe	Tyr	Leu	His	Gly	Glu	Asn	Ile	Met	Ser	Ala	Asn	Asn	Thr
							20		25					30	
Ser	Ala	Ser	Ala	Lys	Ser	Glu	Tyr	Phe	Asn	Leu	Thr	Ile	Lys	Gly	Ile
						35		40					45		
Gly	Tyr	Leu	Ser	Asn	Ile	Arg	Gln	Val	Asn	His	Gln	Asn	Gly	Ser	Phe
						50		55			60				
Leu	Ser	Cys	Val	Ile	Asn	Ala	Leu	Ser	Gly	Pro	Thr	Asp	Asn	Pro	Ala
						65		70			75			80	
Tyr	Val	Arg	Phe	Asp	Ile	Ser	Val	Ala	Gly	Lys	Glu	Ala	Thr	Ser	Leu
						85		90					95		
Ile	Ala	Arg	Cys	Gln	Lys	Ala	Val	Asp	Glu	Asp	Lys	Lys	Val	Leu	Leu
						100		105					110		
Gly	Phe	Asn	Leu	Ser	Asn	Pro	Ser	Thr	Asp	Ile	Phe	Thr	Leu	Asn	Lys
						115		120					125		
Gly	Asp	His	Ala	Gly	Glu	Gln	Arg	Val	Ser	Leu	Lys	Ala	Arg	Leu	Ile
						130		135			140				
Lys	Val	Asp	Trp	Ile	Lys	Ile	Gly	Gln	Glu	Met	Val	Tyr	Lys	Thr	Glu
						145		150			155			160	
Lys	Ser	Asp	Ser	Val	Pro	Pro	Gln	Asn	Gly	Ser	Val	Ala	Gln	Gln	Asn
						165		170					175		
Tyr	Ala	Glu	Asn	Ser	Phe										
						180									

&lt;210&gt; 11095

&lt;211&gt; 233

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11095

Gly	Leu	Phe	Tyr	His	Cys	Thr	Gly	Lys	Ile	Arg	Met	Lys	Arg	Asn	Thr
1							5			10			15		
Ser	His	Asn	Val	Phe	Ser	Pro	Gly	Arg	Leu	Ala	Thr	Val	Leu	Pro	Leu
							20		25			30			
Leu	Leu	Leu	Ala	Gly	Cys	Val	Ser	Gln	Pro	Gln	Lys	Leu	Gln	Gln	Arg
							35		40			45			
Ala	Pro	Ala	Asp	Pro	Thr	Pro	Gly	Thr	Thr	Val	Thr	Arg	Asn	Val	Gln
							50		55			60			
Pro	Val	Ser	Pro	Asp	Glu	Tyr	Ala	Arg	Thr	Pro	Glu	Val	Val	Arg	Tyr
							65		70			75			80
Asp	Arg	Tyr	Leu	Leu	Val	Ser	Thr	Asp	Pro	Gln	Ala	Ala	Gln	Arg	Asp
							85		90			95			
Pro	Leu	Ser	Gln	Ile	Ile	Asp	Ile	Arg	Ile	Pro	Ser	Ser	Leu	His	Pro
							100		105			110			
Thr	Val	Val	Asp	Ala	Leu	Arg	Tyr	Ala	Leu	Arg	Gln	Ser	Gly	Tyr	Ser
							115		120			125			
Leu	Cys	Ala	Thr	Gly	Ser	Ala	Asn	Gly	Val	Leu	Tyr	Arg	Gln	Ala	Leu
							130		135			140			
Pro	Ala	Val	Gln	Tyr	Gln	Leu	Gly	Pro	Met	Arg	Leu	Arg	Thr	Ala	Leu
							145		150			155			160
Gln	Val	Leu	Ala	Gly	Pro	Ala	Trp	Gln	Leu	Glu	Val	Asp	Asp	Val	Gln
							165		170			175			
Arg	Val	Val	Cys	His	Ser	Leu	Arg	Asp	Gly	Tyr	Gln	Leu	Pro	Val	Ser
							180		185			190			
Gln	Leu	Pro	Pro	Pro	Val	Ser	Thr	Trp	Ser	Ala	Pro	Ala	Pro	Ser	Ala
							195		200			205			

Val Ser Gln Pro Ala Ile Ser Ala Pro Gln Ser Val Pro Val Lys Pro  
 210 215 220  
 Val Ser Gly Gly Phe Leu Arg Lys  
 225 230

&lt;210&gt; 11096

&lt;211&gt; 212

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11096

Met Gly Asn Arg Ser Val Leu Thr Gly Ala Leu Ala Leu Gly Leu Leu  
 1 5 10 15  
 Met Ala Ala Val Pro Asp Gly His Ala Asp Gln Thr Val Pro Glu Gly  
 20 25 30  
 Tyr Val Arg Val Ala Met Ala His Gly Val Pro Pro Glu Ala Leu Tyr  
 35 40 45  
 Ser Val Ser Leu Ser Glu Ser Ser Arg Lys Leu Pro Arg Gly Val Arg  
 50 55 60  
 Pro Trp Pro Trp Thr Ile Asn Val Ala Gly Lys Gly Tyr Arg Tyr Glu  
 65 70 75 80  
 Thr Arg Leu Gln Ala Trp Gln Ala Leu Gln Val Phe Met Lys Arg His  
 85 90 95  
 Ala Leu Lys Arg Ile Asp Val Gly Ile Ala Gln Val Asn Leu Gly Trp  
 100 105 110  
 Asn Gly His His Phe Ala Ser Thr Trp Glu Ala Phe Asp Pro Tyr Thr  
 115 120 125  
 Asn Leu Asn Ala Ala Ala Thr Ile Leu Arg Glu Cys Trp Ala Arg Lys  
 130 135 140  
 Pro Gly Ser Trp Leu Asp Ala Ala Gly Cys Tyr His His Pro Ala Gly  
 145 150 155 160  
 Gly Gln Pro Ala Ala Arg Tyr Arg Ala Ile Val Arg Arg His Leu Ala  
 165 170 175  
 Lys Ile Ser Pro Thr Pro Arg Ile Ser Ala Pro Ala Ala Glu Ala Pro  
 180 185 190  
 Arg Ser Val Ala Ala Leu Thr Pro Asp Pro Gly Phe Val Trp Thr Glu  
 195 200 205  
 Pro Gly Arg  
 210

&lt;210&gt; 11097

&lt;211&gt; 137

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11097

Thr Leu Ser Gln Glu Met Asn Ser Met His His Ser Glu Ser Val Val  
 1 5 10 15  
 Ala Arg Leu Arg Arg Phe Ala Ser Arg Thr Leu Thr Arg Ala Gly Thr  
 20 25 30  
 Leu Ala Leu Leu Gly Trp Leu Thr Cys Lys Pro Ala Phe Ala Asp Leu  
 35 40 45  
 Pro Ser Val Glu Ala Pro Glu Ser Gly Gly Ser Gly Leu Ser Gly  
 50 55 60  
 Gln Ile Lys Gly Tyr Leu Gln Asp Gly Ile Val Ile Gly Gly Leu Val  
 65 70 75 80  
 Val Ala Ala Val Ala Phe Ile Asn Val Ala Ile Ala Ala Leu His Thr  
 85 90 95  
 Phe Thr Glu Val Arg Asn Glu Lys Ala Thr Trp Thr Lys Phe Gly Ala  
 100 105 110  
 Ile Val Val Val Gly Val Val Leu Leu Val Ala Val Ile Trp Leu Leu

115	120	125
Gly Lys Ser Ala Asp Ile Leu Leu		
130	135	

&lt;210&gt; 11098

&lt;211&gt; 123

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11098

Glu Pro Ala Thr Met Gln Thr Ile Arg Phe Leu Pro Asp Arg Leu Asn			
1	5	10	15
Ser Glu Pro Val Val Phe Arg Gly Phe Thr Thr His Glu Met Gly Leu			
20	25	30	
Ala Ala Leu Ala Gly Ala Gly Leu Leu Leu Ser Leu Pro Phe			
35	40	45	
Ile Pro Leu Ala Gly Trp Val Val Val Pro Thr Gly Leu Leu Val Met			
50	55	60	
Pro Leu Leu Leu Val Trp Phe Gly Gly Arg Trp Met Ala Arg Leu Lys			
65	70	75	80
Arg Gly Lys Pro Glu Asn Trp Leu Trp Gln Arg Leu Glu Thr Lys Lys			
85	90	95	
Arg Arg Leu Gly Met Gly Asn Pro Lys Leu Ile Val Asp Ala Arg Gly			
100	105	110	
Trp Ser Val Lys Arg Asn Arg Arg Ala Ser			
115	120		

&lt;210&gt; 11099

&lt;211&gt; 158

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11099

Ile Ser Leu Gln Arg Thr Gly Gly Lys Thr Arg Arg Ala Glu Ser			
1	5	10	15
Gly Pro Ser Ala Arg Ser Asp Gly Glu Thr Thr Gly Ala Cys His Gly			
20	25	30	
Met Met Thr Leu Lys Tyr Pro Glu Pro Ala Ile His Glu His Ser Gly			
35	40	45	
Gly Ala Leu Phe Thr Leu Ser Pro Gln Gly Glu Pro Gly Val Leu Pro			
50	55	60	
Ala Thr His Gln His Leu Val Arg Leu Arg Ala Met Leu Arg Gln Arg			
65	70	75	80
Leu Thr Gly Pro Val Lys Met Thr Cys His Pro His Arg Val Gly Leu			
85	90	95	
Ser Ser Ser Val Ala Ile Tyr Leu Glu Gly Lys Leu Lys Gln Ala Val			
100	105	110	
Asn Ile Leu Ile Thr Val Thr Gly Gln Thr Ser Trp Pro Gln Glu Glu			
115	120	125	
Glu Tyr Ala His Pro Arg Trp Tyr Ile Thr Val Pro Asp Ser Ala Asp			
130	135	140	
Leu Val Tyr Leu Met Leu Trp Ile Asn Gly Leu Asp Val			
145	150	155	

&lt;210&gt; 11100

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11100

Arg Arg Phe Pro Met Lys His Ser Pro Gln Arg Asn Ala Ala Ile Leu

1	5	10	15												
Asn	Leu	His	Ala	Arg	Thr	Met	Gln	Ile	Asn	Gly	Thr	Val	Asp	Glu	Lys
			20						25					30	
Val	Glu	Gln	Leu	Arg	Lys	Met	Phe	Ala	Gln	Ser	Ser	Thr	Arg	Thr	Lys
			35						40				45		
Asp	Asp	Arg	Lys	His	Arg	Gly	Asp	Arg	Glu	Lys	Val	Tyr	Tyr	Glu	Gly
			50						55				60		

65

<210> 11101  
<211> 163  
<212> PRT  
<213> Enterobacter cloacae

1	5	10	15												
Phe	Val	Val	Pro	Asp	Ile	Glu	Phe	Asn	Ala	Ala	Phe	Leu	Ser	Asn	His
									20					30	
Gly	His	Ala	Val	Arg	Arg	Phe	Ser	Leu	Thr	Glu	Ser	Arg	Phe	Met	Lys
									40				45		
Leu	Thr	Ser	Leu	Val	Phe	Leu	Pro	Ala	Leu	Leu	Pro	Ala	Ser	Leu	Leu
									55				60		
Ala	Gly	Thr	Val	Val	Phe	Thr	Asp	Ser	Gln	His	Leu	Pro	Ala	Asn	Leu
									50				55		
Pro	Pro	Asp	Val	Pro	Val	Val	Leu	Leu	Asp	Gly	Pro	Asp	Arg	Leu	Gln
									65				70		80
Ala	Asp	Met	Phe	Gly	Glu	Leu	Pro	Ala	Asp	Pro	Gln	Gln	Ala	Glu	Ala
									85				90		95
Gln	Val	Arg	Gln	Val	Met	Thr	Ser	Pro	Ala	Trp	Gln	Gln	Lys	Gln	Leu
									100				105		110
Gln	Leu	Asn	Asp	Ser	Tyr	Arg	Gln	Val	Val	Arg	Ala	Trp	Glu	Leu	Gly
									115				120		125
Ile	Lys	Lys	Val	Pro	Ala	Val	Val	Phe	Asp	Asp	Arg	Asp	Val	Val	Tyr
									130				135		140
Gly	Thr	Thr	Asp	Val	Ala	Val	Ala	Thr	Ser	Leu	Arg	Asn	Arg	Gly	Gly
									145				150		160
Gly	Gln														

<210> 11102  
<211> 109  
<212> PRT  
<213> Enterobacter cloacae

1	5	10	15												
Arg	Asp	Asp	Ser	His	Leu	Gly	Leu	Ser	Cys	Phe	Ile	His	Asp	Gly	Thr
Glu	His	Phe	Arg	Asp	Met	Glu	Val	Ile	Glu	Gly	Asp	Phe	Phe	Tyr	Arg
									20				25		30
Val	Arg	Gln	Val	Asp	Thr	Gly	Cys	Ala	Asp	Ile	Ser	Leu	Ile	His	Val
									35				40		45
His	Arg	Gln	Gly	Phe	Asp	Gly	Phe	Asp	Leu	Thr	Val	Thr	Gln	Ala	Leu
									50				55		60
Glu	Val	Thr	Arg	Gln	Ala	Phe	Asn	Pro	Ala	Ile	Ile	Pro	Glu	Leu	Gln
									65				70		80
Gly	Leu	Ser	Leu	Cys	Ile	Arg	Asp	Asn	Arg	Asp	Val	Leu	Met	Thr	Leu
									85				90		95
Phe	Glu	Gly	Asp	Leu	Ile	Asn	Thr	Glu	Val	Thr	Cys				
									100				105		

&lt;210&gt; 11103

&lt;211&gt; 190

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11103

Gln	Arg	Arg	Asn	Asp	Met	Ile	Arg	Pro	Val	Phe	Leu	Leu	Thr	Ser	Phe
1					5				10						15
Phe	Leu	Leu	Ser	Gly	Cys	Ala	Thr	Thr	Asp	Trp	Ala	Ala	Ile	Asn	Lys
					20			25						30	
Gln	Val	Ser	Asp	Thr	Ala	Ala	Asn	Leu	Lys	Lys	Thr	Leu	Gly	Gly	Asn
					35			40				45			
Asp	Ser	Gly	Glu	Ser	Gly	Gly	Met	Pro	Leu	Met	Ser	Pro	Ala	Gly	Gln
					50			55			60				
Gln	Ala	Met	Lys	Ser	Val	Asp	Lys	Thr	Phe	Ser	Val	Pro	Val	Asp	Val
					65			70			75			80	
Asp	Thr	Ala	Ala	Ala	Arg	Leu	Lys	Arg	His	Tyr	Lys	Phe	Ile	Ser	Thr
					85			90				95			
Gln	Glu	Leu	Glu	Ala	Leu	Arg	Gln	Ala	Thr	Asn	Asp	Gly	Asp	Trp	Lys
					100			105			110				
Ala	Ala	Ala	Glu	Asp	Asp	Ala	His	Pro	Val	Trp	Asp	Ala	Met	Pro	Gly
					115			120			125				
Ser	Tyr	Tyr	Lys	Met	Gly	Ser	Asp	Trp	Asn	Gly	Arg	Asp	His	Leu	Asp
					130			135			140				
Ile	Glu	Ile	Glu	Lys	Asn	Gly	Ser	Gly	Ser	Arg	Leu	Tyr	Val	Val	Tyr
					145			150			155			160	
Arg	Ser	Ser	Ser	Ser	Gln	Arg	Leu	Ala	Gly	Ser	Gly	Val	Thr	Lys	Leu
					165			170			175				
Met	Asn	Asp	Val	Arg	Ala	Val	Ala	Ala	Gly	Glu	Lys	Arg			
					180			185			190				

&lt;210&gt; 11104

&lt;211&gt; 90

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11104

Ser	Gly	Gln	His	Leu	Arg	Ile	Thr	Asp	Met	Pro	Val	Ile	Leu	Arg	Ile
1					5				10					15	
Asn	Gly	Phe	Arg	Phe	Phe	Phe	Tyr	Ser	Asn	Glu	Gly	Asn	Pro	Leu	Glu
					20			25			30				
Pro	Ala	His	Ile	His	Val	Met	Lys	Ala	Gly	Ser	Glu	Ala	Lys	Phe	Trp
					35			40			45				
Leu	Thr	Pro	Ser	Val	Val	Leu	Ala	Ser	Asn	Asp	Gly	Phe	Asn	Ser	Arg
					50			55			60				
Val	Leu	Lys	Glu	Leu	Thr	Gly	Ile	Val	Glu	Asp	Asn	Gln	Ala	Leu	Phe
					65			70			75			80	
Leu	Glu	Ala	Trp	Asn	Asp	Tyr	Phe	Ser							
					85			90							

&lt;210&gt; 11105

&lt;211&gt; 255

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11105

Arg	Pro	Pro	Asp	Arg	Ala	Gln	Ser	Arg	Ile	Thr	Glu	Arg	Ile	Met	Lys
1					5				10					15	
Leu	Lys	His	Thr	Phe	Leu	Ala	Ala	Met	Leu	Leu	Ser	Pro	Pro	Thr	Leu
					20			25			30				
Ala	Ala	Thr	Thr	Ser	Gly	Gln	Thr	Asp	Val	Ser	Arg	Gln	Glu	Ser	Thr
					35			40			45				

Gln Arg Ala Asp Ser Ala Gln Gln Asn Leu Gln Gln Gln Ala Gly Gln  
 50 55 60  
 Trp Gly Leu Ser Thr Asp Asp Tyr Gln Arg Tyr Gln Gln Leu Met Lys  
 65 70 75 80  
 Gly Pro Arg Gly Ile Gln Ser Pro Gly Leu Asp Pro Leu Ser Thr Leu  
 85 90 95  
 Gly Ile Glu Ala Gln Thr Pro Ala Glu Arg Arg Lys Phe Ala Glu Lys  
 100 105 110  
 Trp Val Lys Glu Glu Phe Ala Arg Thr Gln Lys Glu Leu Asp Phe Gln  
 115 120 125  
 Arg Glu Val Asn Ala Ala Trp Gln Arg Leu Tyr Pro Gly Thr Leu Pro  
 130 135 140  
 Val Asn Met Gly Asn Ala Ser Gly Val Ala His Asp Ser Gly Gly Arg  
 145 150 155 160  
 Leu Ala Leu Phe Val Arg Ser Lys Asp Cys Ala Thr Cys Asp Ala Lys  
 165 170 175  
 Leu Ser Ala Val Leu Ala Asp Asn Arg Pro Val Asp Ile Tyr Leu Val  
 180 185 190  
 Asp Ser Gln Gly Ser Asp Asp Ala Leu Arg Ser Trp Ala Arg Asp His  
 195 200 205  
 His Ile Pro Val Glu Lys Val Arg Lys Arg Gln Ile Thr Leu Asn His  
 210 215 220  
 Asp Gly Gly Arg Trp Met Arg Phe Gly Asn Gly Leu Met Pro Val Leu  
 225 230 235 240  
 Leu Gln Gln Ala Gly Asp Gly Lys Trp Val Ile Ala Ala Phe  
 245 250 255

&lt;210&gt; 11106

&lt;211&gt; 261

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11106

Thr Cys Arg Ser Gln Glu Gly Arg Met Ala Glu Val Lys Arg Pro Pro  
 1 5 10 15  
 Gln Gln Gln Thr Leu Pro Glu Arg Lys His Gly Ile Leu Tyr Asn Leu  
 20 25 30  
 Leu Trp Gly Trp Pro Trp Ala Leu Val Gly Val Val Leu Ser Ser Leu  
 35 40 45  
 Leu Leu Ser Leu Leu Ile Glu Tyr Ile Gly Ile Ala Phe Phe Trp Pro  
 50 55 60  
 Glu Ala Gly Ala Ala His Ser Glu Ala Val Met Asn Thr Glu Leu Gly  
 65 70 75 80  
 Trp Leu Ser Thr Glu Phe Thr Arg Ser Leu Leu Ser Glu Pro Ser  
 85 90 95  
 Val Thr Val Val Arg Trp Val Thr Ala Tyr Gln Trp Ala Phe Val  
 100 105 110  
 Asp Ser Gly Phe Leu Asp Trp Val Arg Gln Gln Tyr Ala His Gln Met  
 115 120 125  
 His Ser Asp Asn Ala Val Thr Arg Glu Ile Asn Ser Trp Ser Gly Trp  
 130 135 140  
 Leu Ala Gly Tyr Leu Arg Glu Tyr Leu Leu Ala Thr Val Trp Ile Ser  
 145 150 155 160  
 Ile Ile Thr Leu Val Arg Val Thr Ile Leu Val Leu Ser Val Pro Leu  
 165 170 175  
 Phe Val Leu Val Val Val Ala Leu Val Glu Gly Leu Gly Arg Arg  
 180 185 190  
 Asp Leu Arg Arg Tyr Gly Ala Gly Tyr Glu Ser Ser Phe Val Tyr His  
 195 200 205  
 His Ala Lys Lys Leu Val Lys Pro Ala Ala Val Val Pro Ala Met Leu  
 210 215 220

Tyr Leu Ser Trp Pro Thr Ala Val Tyr Pro Asn Leu Leu Leu Leu Pro  
 225 230 235 240  
 Ala Thr Val Leu Leu Gly Ile Ala Val Thr Val Thr Ala Ser Phe  
 245 250 255  
 Lys Lys Tyr Leu  
 260

&lt;210&gt; 11107

&lt;211&gt; 88

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11107

Leu Pro Ala Gly Ala Ala Leu Met Ser Met Thr Ser Glu Gln Thr Asn  
 1 5 10 15  
 Ala Phe Lys Ala Gly Ser Gly Ser Leu Asp Val Asn Ile Leu His Leu  
 20 25 30  
 Leu Cys Ile Gly Ala Leu Leu Ala Phe Leu Phe Leu Trp Ala Ala Trp  
 35 40 45  
 Ala Leu Ser Asp Val Trp Thr Gly Trp Ser Asn Thr Lys Val Arg Asp  
 50 55 60  
 Ala Ala Leu Gly Arg Phe Ala Val Arg Thr Val Leu Leu Leu Leu Val  
 65 70 75 80  
 Cys Ile Trp Met Phe Ala Ser  
 85

&lt;210&gt; 11108

&lt;211&gt; 326

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11108

Thr Gly Glu Val Arg Ser Val Ser Val Met Ser Lys Asn Pro His Tyr  
 1 5 10 15  
 Arg Ala Gly Leu Met Ala Leu Ser Phe Ala Leu Leu Pro Leu Ala Thr  
 20 25 30  
 Leu Val Ser Arg Pro Ala Gly Ala Asp Glu Leu Met Lys Trp Glu Arg  
 35 40 45  
 Ile Pro Leu Gln Ile Pro Leu Lys Val Gly Gln Glu Arg Val Val Phe  
 50 55 60  
 Val Asp Lys Asn Val Arg Val Gly Phe Pro Pro Thr Leu Asn Gly Lys  
 65 70 75 80  
 Leu Arg Val Gln Ser Thr Gly Gly Thr Val Tyr Leu Lys Ala Asp Ser  
 85 90 95  
 Ala Phe Pro Gln Thr Arg Val Gln Leu Gln Asp Val Glu Ser Gly Glu  
 100 105 110  
 Val Leu Leu Phe Asp Ile Ala Ala Gly Glu Lys Gly Pro Thr Glu Pro  
 115 120 125  
 Val Arg Leu Val Tyr Ser Gly Asp Val Ser Thr Leu Ser His Ala Gly  
 130 135 140  
 Asp Ala Ala Gly Gln Pro Gly Gly Ala Asp Arg Ala Ala Ser Gly Ser  
 145 150 155 160  
 Gly Ser Ser Ala Pro Thr Gly Ser Asp Asp Gly Thr Gln Ala Arg Arg  
 165 170 175  
 Lys Lys Ile Arg Tyr Ser Ala Pro Ile Pro Val Leu Leu Thr Arg Tyr  
 180 185 190  
 Ala Ala Gln Ser Leu Tyr Ala Pro Ala Arg Thr Val Glu Ala Val Pro  
 195 200 205  
 Gly Ile His Pro Val Asn Pro His Leu Pro Arg Arg Val Ser Thr Leu  
 210 215 220  
 Tyr Pro Ser Glu Pro Leu Thr Val Thr Pro Leu Ala Gly Trp Gly Val

225	230	235	240
Ala Asn Arg Ser Val Val Ala Leu Arg	Leu Thr Asn Thr Gly	Ser Arg	
245	250	255	
Lys Val Val Leu Asp Pro Arg Ala	Leu Gln Gly Gln Phe Val	Ser Ala	
260	265	270	
Thr Phe Gln His Arg Trp Val Gly	Pro Ala Gly Thr Pro	Glu Asp Thr	
275	280	285	
Thr Thr Val Tyr Val Val Thr Ala	Gly Arg Pro Glu Ser Ala	Phe Ile	
290	295	300	
Ala Glu Pro Ser Ala Leu Arg Lys	Ala Thr Arg Thr Val Lys Gln	Glu	
305	310	315	320
Ala Arg His Ala Asp			
325			

&lt;210&gt; 11109

&lt;211&gt; 982

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11109

His Ala Cys Ala Gly Leu Gln His Arg	Val Pro Val Leu Gln Pro Asp		
1	5	10	15
Ala Val Cys His Ala Trp Arg Ala	Tyr Gly Gly Pro Val Met Leu Ser		
20	25	30	
Leu Phe Thr Arg Ser Lys Ser	Thr Asp Arg Gln Thr Pro Pro Asp Asp		
35	40	45	
Gly Gln Ser Val Gln Ala Asp	Glu Thr Leu Thr Ala Val Val Lys Gly		
50	55	60	
Arg Gln Pro Leu Lys Arg Pro Gly	Lys Met Thr Arg Gln Asp Glu Glu		
65	70	75	80
Lys Val Tyr His Ala Ser Pro Ser	Ile Ile Asp Phe Leu Pro Trp Ala		
85	90	95	
Glu Phe Leu Asp Glu Glu Gln Cys	Leu Leu Asp Asp Gly Val Ser		
100	105	110	
Val Gly Ala Val Tyr Asp Val	Thr Pro Val Ala Thr Glu Gly Arg Thr		
115	120	125	
Glu Glu Arg Leu Glu Gln Ile	Arg Asp Ser Val Glu Asp Ala Leu Gln		
130	135	140	
Asp Ser Phe Asp Glu His Asp Val Asn	Pro Trp Ile Val Gln Phe Phe		
145	150	155	160
Cys Gln Asp Glu Asp Asp Thr Asp	Ala Tyr Leu Asp Arg Leu Arg Gly		
165	170	175	
Tyr Val Lys Pro His Ala Gln Arg	Thr Ala Phe Thr Asp Ala Trp Leu		
180	185	190	
Gly Glu Met Glu Arg His Ile	Arg Ser Ile Ser Arg Pro Glu Gly Leu		
195	200	205	
Phe Thr Asp Ser Leu Ile	Thr Gly Gln Pro Trp Arg Gly Gln Gln Arg		
210	215	220	
Arg Thr Arg Met Val Val Tyr Arg	Trp Leu Gly Lys Ser Arg Asp Pro		
225	230	235	240
Met Pro Pro Val Ala Met Leu Asn	Gln Val Cys Asp Arg Val Val Asn		
245	250	255	
Ala Leu Gly Gly Ala Gly Ile	Arg Cys Thr Arg Gln Asn Gly Leu Gln		
260	265	270	
Val His Gly Trp Leu Leu Arg	Leu Phe Asn Pro Ser Pro Asp Trp Val		
275	280	285	
Glu Lys Thr Thr Leu Tyr Arg	Gln Ala Ala Tyr Ala Asp Pro Arg Glu		
290	295	300	
Thr Pro Glu Gly Thr Val Pro Val	Ser Asn Asp Phe Ala Glu Thr Leu		
305	310	315	320
Trp Phe Thr Pro Pro Val Ser Asp	Pro Glu Asn Gly Val Trp Trp Ile		

	325	330	335
Asp Asn Lys Pro His Cys Ala Val Ala Val Glu Lys Leu Arg Thr Pro			
340	345	350	
Pro Glu Pro Gly Thr Leu Thr Gly Glu Lys Ser Arg Gly Glu Lys Lys			
355	360	365	
Ile Asn Ala Leu Met Asp Met Phe Pro Glu Gly Thr Met Val Cys Met			
370	375	380	
Thr Val Val Val Gln Pro Gln Asp Arg Leu Glu Glu Gln Phe Asn Arg			
385	390	395	400
Leu Ser Lys Asn Ala Val Gly Glu Asn Thr Glu Ser Gly Arg Val Arg			
405	410	415	
Gln Asp Val Lys Thr Val Lys Glu Tyr Leu Gly Asn Arg His Lys Leu			
420	425	430	
Tyr Arg Ala Gly Ile Thr Phe Leu Leu Arg Gly Asp Asp Met Thr Ser			
435	440	445	
Leu Lys Arg Lys Arg Leu Glu Leu Ser Thr Val Leu Leu Gly Ala Gly			
450	455	460	
Leu Gln Pro Val Arg Pro Glu Phe Glu Glu Gly Pro Leu Asn Ser Trp			
465	470	475	480
Leu Arg Ala Leu Pro Met Cys Phe Asn Pro Asp Ser Asp Lys Lys His			
485	490	495	
Trp Tyr Thr Arg Leu Thr Trp Val Gln His Leu Ala Gly Leu Leu Pro			
500	505	510	
Val Thr Gly Arg Glu Thr Gly Thr Gly His Pro Gly Phe Ser Phe Phe			
515	520	525	
Asn Arg Gly Gly Asp Thr Leu Thr Phe Asp Pro Leu Asn Lys Leu Asp			
530	535	540	
Arg Thr Gln Asn Ala His Leu Leu Phe Gly Pro Thr Gly Ala Gly			
545	550	555	560
Lys Ser Ala Thr Leu Cys Ala Ala Leu Ser Gln Leu Met Ala Val His			
565	570	575	
Arg Pro Arg Leu Phe Ile Ala Glu Ala Gly Asn Ser Phe Gly Leu Leu			
580	585	590	
Ala Asp Phe Phe Asp Ser Leu Gly Leu Thr Val Asn Lys Ile Ser Val			
595	600	605	
Lys Pro Gly Ser Gly Val Ser Leu Pro Pro Phe Ala Asp Ala His Lys			
610	615	620	
Leu Val Glu Glu Gly Leu Ala Ala Gln Ala Val Asp Glu Ser Asp Leu			
625	630	635	640
Pro Asp Ile Asp Thr Asp Asp Gly Glu Asp Asp Lys Arg Asp Val			
645	650	655	
Leu Gly Glu Met Glu Ile Ser Ala Arg Met Met Ile Thr Gly Gly Asp			
660	665	670	
Pro Lys Glu Glu Ala Asp Leu Lys Arg Ala Asp Arg Ala Met Ile Arg			
675	680	685	
Glu Ala Leu Leu Met Ala Ala His Ala Thr Tyr Lys Glu Gly Arg Gln			
690	695	700	
Met Leu Pro Ser Asp Leu Gln Lys Ala Leu Tyr Asp Ile Ala Ser Asp			
705	710	715	720
Asn Asp Glu Gly Val Ile Asn Val Arg Asn Ala Gln Arg Lys Ala Lys			
725	730	735	
Ala Ala Glu Met Ala Glu Ser Leu Gly Met Phe Thr Gln Ala Gly Ser			
740	745	750	
Phe Glu Ala Glu Leu Phe Asn Arg Glu Gly Glu Leu Trp Pro Glu Ala			
755	760	765	
Asp Val Thr Leu Val Asp Leu Gly His Leu Ala Arg Glu Gly Tyr Glu			
770	775	780	
Ala Gln Met Ala Leu Thr Met Val Ser Met Thr Asn Met Ile Asn Asn			
785	790	795	800
Ile Ala Glu Arg Asp Gln Phe Leu Gly Arg Asp Ile Val Phe Thr Val			
805	810	815	

Asp Glu Ala His Ile Val Thr Val Asn Pro Leu Leu Ser Pro Tyr Met  
 820 825 830  
 Thr Lys Val Val Lys Met Trp Arg Lys Leu Gly Ala Trp Leu Trp Leu  
 835 840 845  
 Ala Thr Gln Asn Leu Lys Asp Tyr Pro Asp Ile Ala Glu Lys Met Leu  
 850 855 860  
 Asn Met Ala Glu Trp Trp Ile Cys Leu Thr Met Pro Pro Glu Glu Val  
 865 870 875 880  
 Lys Asp Ile Ser Arg Phe Arg Ala Leu Thr Pro Glu Gln Glu Ser Val  
 885 890 895  
 Leu Leu Ser Ala Ser Lys Leu Ser Gly Cys Tyr Thr Glu Gly Val Val  
 900 905 910  
 Leu Ala Lys Arg Ile Glu Ala Leu Phe Arg Ala Val Pro Pro Ser Leu  
 915 920 925  
 Phe Leu Ala Leu Gly Met Thr Glu Lys Glu Glu Lys Ala Glu Arg Arg  
 930 935 940  
 Ala Leu Met Asn Glu Phe His Cys Ser Glu Leu Glu Ala Ala Lys Arg  
 945 950 955 960  
 Val Ala Gln Asn Leu Asp Arg Leu Arg Gly Leu Thr Glu Lys Gln Gln  
 965 970 975  
 Glu Pro Ala Thr Val  
 980

&lt;210&gt; 11110

&lt;211&gt; 211

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11110  
 Thr Ala Leu Ser Met Lys Arg Leu Ser Ser Cys Ala Lys Cys Leu Leu  
 1 5 10 15  
 Arg Val Gln His Glu Leu Arg Met Thr Gly Ser Thr Val Gly Ile Glu  
 20 25 30  
 Lys Arg Tyr Ile Thr Lys Ala Glu Phe Ser Glu Asp Phe Val Lys Ala  
 35 40 45  
 Ser Glu Asp Phe Lys Tyr Gly Tyr Asp Val Ile Ser Lys Val Asn Val  
 50 55 60  
 Lys Thr Gly Gln Ser Ile Leu Arg Tyr Ala Val Arg Leu Gln Gln Lys  
 65 70 75 80  
 Trp Asn Asp Glu Asn Cys Ile Leu Ile Tyr Asp His Asp Asp Asp Lys  
 85 90 95  
 Leu Trp Gly Arg Val Lys Ala Ser Asp Ser Lys Asp Asp Ala Gly Ile  
 100 105 110  
 Ser Trp Tyr Leu Gly Phe Phe His Gly Arg Val Glu Ala Trp Lys Asn  
 115 120 125  
 Asp Pro Leu Ile Val Ile Ser Phe Arg Asp Glu Ile Ile Pro Ala Pro  
 130 135 140  
 Gln Gly Phe Asp Lys Gly Phe Glu Leu Ala Val Ile His Ala Ile Ser  
 145 150 155 160  
 Asp His Pro Thr Leu Phe Gly Glu Asn Trp Glu Lys Lys Leu Pro Glu  
 165 170 175  
 His Met Arg Glu Lys Arg Lys Gln Asn Ala His Thr Leu Asn Tyr Phe  
 180 185 190  
 Val Asp Val Asn Ser Ser Asp Ser Asp Gly Ser Pro Asp Glu Ser Ser  
 195 200 205  
 Pro Thr  
 210

&lt;210&gt; 11111

&lt;211&gt; 519

&lt;212&gt; PRT

## &lt;213&gt; Enterobacter cloacae

<400> 11111

Val	Arg	Asp	Val	Tyr	Arg	Ser	Gly	Ser	Leu	Lys	Met	Thr	Thr	Asn	Ser
1				5					10					15	
Tyr	Leu	Glu	Tyr	Phe	Leu	Thr	Leu	Leu	Gly	Trp	Val	Ile	Asn	Asn	Gly
				20				25					30		
Leu	Trp	Asn	Val	Leu	Leu	Ser	Thr	Gly	Leu	Phe	Val	Leu	Pro	Leu	Ala
				35				40				45			
Phe	Lys	Val	Val	Gly	Ile	Trp	Leu	Arg	Val	Arg	Glu	Glu	Gly	Glu	Asp
				50				55			60				
Glu	Gly	Asn	Lys	Gly	Met	Leu	Ser	Leu	Pro	Arg	Ile	Glu	Asn	Ala	Leu
				65				70			75		80		
Tyr	Ala	Gly	Phe	Leu	Val	Met	Ile	Ala	Cys	Cys	Val	Pro	Leu	Ile	Asn
				85				90				95			
Val	Ser	Leu	Ser	Thr	Met	Gln	Tyr	Asp	Thr	Thr	Arg	Ala	Lys	Ser	Cys
				100				105				110			
Gly	Val	Trp	Thr	Pro	Lys	Ala	Pro	Asp	Glu	Ser	Gly	Tyr	Ala	Gly	Val
				115				120			125				
Val	Thr	Ser	Leu	Asn	Asp	Gln	Thr	Ala	Ala	Ala	Pro	Val	Trp	Trp	Val
				130				135			140				
Leu	Ile	His	Lys	Leu	Ser	Lys	Gly	Val	Thr	Gln	Ala	Ala	Val	Ala	Thr
				145				150			155		160		
Ile	Pro	Cys	Arg	Pro	Asp	Met	Arg	Gln	Ile	Arg	Phe	Glu	Val	Gln	His
				165				170			175				
Thr	Arg	Ile	Asp	Asn	Lys	Ala	Leu	Ala	Gln	Glu	Leu	Gln	Asp	Phe	Thr
				180				185			190				
Asn	Asp	Cys	Tyr	Ser	Val	Ala	Leu	Tyr	Leu	Trp	Lys	Gln	Gln	Asp	Gln
				195				200			205				
Gly	Gln	Thr	Lys	Asp	Lys	Thr	Thr	Leu	Arg	Asp	Ile	Glu	Trp	Ile	Gly
				210				215			220				
Ser	Ser	Thr	Phe	Leu	Ser	Arg	Tyr	Tyr	Pro	Ser	Leu	Gln	Ser	Lys	Leu
				225				230			235		240		
Pro	Arg	Ala	Ala	Phe	Pro	Trp	Thr	Asp	Ser	Arg	Asp	Ser	Gly	Arg	Pro
				245				250			255				
Asn	Thr	Gly	Arg	Gly	Gly	Tyr	Pro	Thr	Cys	Ser	Glu	Trp	Trp	Ser	Ser
				260				265			270				
Ser	Asp	Thr	Gly	Leu	Lys	Ala	Arg	Val	Lys	Asp	Gln	Ala	Asp	Pro	Asp
				275				280			285				
Met	Trp	Leu	Arg	Ile	Ser	Ala	Ala	Met	Lys	Met	Ser	Gly	Phe	Asn	Asp
				290				295			300				
Ser	Asp	Tyr	Gln	Glu	Ala	Val	Ile	Arg	Arg	Leu	Val	Ser	Pro	Glu	Ser
				305				310			315		320		
Leu	Thr	Val	Ser	Gln	Asn	Gly	His	Val	Tyr	Ala	Gly	Tyr	Gly	Asn	
				325				330			335				
Ala	Asp	Phe	Thr	Leu	Asp	Asn	Ala	Ala	Ala	Arg	Val	Ala	Ala	Ile	Gly
				340				345			350				
Gly	Thr	Ser	Leu	Gly	Ser	Leu	Ala	Ala	Phe	Pro	Ala	Phe	Asp	Ala	Met
				355				360			365				
Arg	Gln	Ala	Leu	Pro	Met	Val	Gln	Ala	Ile	Leu	Leu	Met	Ala	Ile	Tyr
				370				375			380				
Val	Met	Leu	Pro	Leu	Ile	Leu	Ala	Phe	Ala	Ala	Tyr	Glu	Phe	Lys	Thr
				385				390			395		400		
Val	Ile	Thr	Leu	Thr	Phe	Val	Ile	Phe	Ala	Leu	Asn	Phe	Leu	Thr	Phe
				405				410			415				
Trp	Trp	Glu	Leu	Ala	Arg	Trp	Leu	Asp	Ser	Trp	Leu	Leu	Thr	Ala	Leu
				420				425			430				
Tyr	Ser	Ser	Asp	Thr	His	Ser	Arg	Phe	Asn	Met	Ala	Gly	Leu	Gln	Asn
				435				440			445				
Ser	Ser	Asp	Asp	Leu	Ile	Met	Asn	Leu	Val	Met	Gly	Ala	Met	Phe	Ile
				450				455			460				

Val Leu Pro Ala Val Trp Leu Gly Ala Leu Ser Trp Ala Gly Ala Ser  
 465 470 475 480  
 Val Gly Val Ala Val Ser Ala Ala Phe Gln Lys Gly Thr Glu Thr Ala  
 485 490 495  
 Gln Asn Thr Gly Gly Lys Leu Gly Glu Ala Ala Gly Asn Ala Ile Gly  
 500 505 510  
 Ser Lys Ala Thr Lys Gly  
 515

&lt;210&gt; 11112

&lt;211&gt; 262

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11112

Thr Cys Gln Arg Arg Val Ser Glu Lys Met Ser Glu Gln Gln Pro Phe  
 1 5 10 15  
 His Thr Asp Pro Ala Pro Ala Arg Lys Arg Phe Ser Trp Arg Pro Arg  
 20 25 30  
 Arg Arg Leu Ile Trp Gly Ala Ala Gly Gly Val Ala Leu Ala Gly Ile  
 35 40 45  
 Leu Ala Leu Gly Tyr Thr Ala Phe Ser Leu Gly Ile Ser Asp Leu Asp  
 50 55 60  
 Glu Arg Leu Thr Arg Leu Glu Ser Gln Gly Ser Thr Ala Ala Thr Val  
 65 70 75 80  
 Glu Thr Val Ala Ala Leu Gln Ser Asp Val Thr Thr Leu Arg Ala Gly  
 85 90 95  
 Leu Gln Asp Ser Gln Lys Lys Leu Gly Glu Met Gln Gln Glu Leu Ser  
 100 105 110  
 Ala Ala Ala Lys Gln Ala Gly Ser Asp Asp Ala Val Arg Gln Ser Leu  
 115 120 125  
 Arg Thr Leu Gln Asp Ala Gln Gln Gly Leu Glu Thr Arg Leu Ser Ala  
 130 135 140  
 Leu Thr Glu Gln Leu Thr Ala Leu Lys Ser Gln Pro Ala Pro Ala Pro  
 145 150 155 160  
 Ala Ala Pro Val Ala Ala Pro Val Lys Lys Asn Ala Pro Ala Ala Lys  
 165 170 175  
 Lys Pro Arg Pro Ala Asp Thr Arg Arg Ala Ala Pro Ser Leu Arg Met  
 180 185 190  
 Ala Arg Asn Ala Pro Phe Val Leu Thr Gly Val Glu Lys Arg Gly Ala  
 195 200 205  
 Glu Ser Trp Ala Ala Ile Ala Pro Arg Gly Tyr Ser Ser Leu Ser Gln  
 210 215 220  
 Val Ala Leu Val Gly Glu Gly Glu Thr Val Ala Gly Trp Thr Leu Val  
 225 230 235 240  
 Ser Ala Gly Tyr Gly Glu Ala Thr Phe Arg Val Asn Gly Arg Leu Thr  
 245 250 255  
 Val Leu Arg Ala Glu  
 260

&lt;210&gt; 11113

&lt;211&gt; 180

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11113

Thr Arg Glu Ile Thr Leu Met Lys Thr Leu Ser Leu Leu Phe Thr  
 1 5 10 15  
 Leu Leu Pro Leu Thr Gly His Ala Glu Leu Asn Val Ile Ala Asp Leu  
 20 25 30  
 Gly Gly Glu Asp Ala Ala Pro Tyr Phe Glu Ala Val Asn Lys Gln Pro

35	40	45
Gly Met Ser Thr Gly Asn Asp	Thr Thr Ser Ser Pro Pro Ser Pro Val	
50	55	60
Leu Gln Gly Glu Ala Ala Met Leu Pro Val Phe Thr Pro Glu Leu Arg		
65	70	75
Pro Gly Ser Ile Ala Asp Arg Pro Leu Gln Leu Pro Gly Ile Gly Ala		80
85	90	95
Leu Phe Leu Val Gly Asp Asp Ala Leu Ser Arg Glu Trp Leu Lys Ala		
100	105	110
Asn Ala Gly Glu Leu Ala Glu Gln His Ala Ala Gly Met Ile Val Asn		
115	120	125
Val Thr Asp Met Ala Thr Val Arg Glu Leu Arg Glu Leu Ala Pro Gly		
130	135	140
Val Ser Leu Ala Pro Ala Ser Gly Ser Glu Leu Ala Arg Arg Leu Gln		
145	150	155
Ile Ala His Tyr Pro Val Leu Ile Thr Asp Thr Gly Leu Thr Gln Gln		160
165	170	175
Val Lys Pro		
	180	

&lt;210&gt; 11114

&lt;211&gt; 179

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11114

Pro Phe Ser Pro Gly Arg Thr Ser Gly Ser Ile Ser Glu Glu Ser Phe		
1	5	10
Met His Ile Ile Leu Asn Ser Leu Arg Cys Ala Leu Trp Leu Val Phe		15
20	25	30
Cys Leu Phe Arg His Ala Val Phe Val Pro Ala Ala Phe Gly Gly Val		
35	40	45
Cys Leu Leu Ala Trp Phe Val Phe Gly His Pro Val Ser Asp Leu Asn		
50	55	60
Asp Gln Leu Gln Lys Glu Ala Lys Ala Trp Arg Thr Ala Pro Pro Gly		
65	70	75
His Tyr Met Trp Glu Gly Cys Pro Val Pro Asp Asn Ala Ala Pro Pro		80
85	90	95
Asp Ala Lys Pro Ala Ala Cys Thr Val Thr Ala Val Ser Thr Glu Thr		
100	105	110
Ala Ala Asn Asn Tyr Leu Leu Ser Leu Arg Ala Val Trp Ile Ile Phe		
115	120	125
Phe Ile Leu Ser Asn Val Leu Tyr Val Leu Trp Arg Leu Leu Ala Asp		
130	135	140
Ala Leu Arg Phe His Ser Gln Pro Cys Arg Glu Ala Gly Ser Ala Lys		
145	150	155
Gly Thr Tyr Thr Arg Arg Ala Asp Gly Lys Ile Ile Lys Glu Ala Asp		160
165	170	175
Asp Glu		

&lt;210&gt; 11115

&lt;211&gt; 135

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11115

Pro Asp Ala Ser Ser Ser Ala Ser Cys Pro His Pro Leu Ile Leu Leu		
1	5	10
Glu Val Arg Met Asn Ser His Arg Pro Ala Met Arg Arg Asn Arg Arg		15
20	25	30

Val Pro Gly Ile Thr Gly Leu Val Leu Leu Thr Phe Leu Ala Ser Ala  
     35                        40                        45  
 Val Ala Gln Ala Ser Glu Lys Asp Glu Leu Ala Ser Val Gln Arg Gln  
     50                        55                        60  
 Leu Asp Gln Val Gln Ala Ser Leu Glu Arg Ala Arg Val Ala Ala Ala  
     65                        70                        75                        80  
 Gln Ala Asp Pro Ala Asp Arg Gly Arg Phe Phe Asp Tyr Arg Gln  
     85                        90                        95  
 Ala Thr Ser Asp Leu Asn Thr Ile Arg Ser Gly Ile Asp Arg Tyr Leu  
     100                       105                       110  
 Glu Pro Ser Arg Ala Gln Pro Arg Asp Pro Ser Tyr Val Ala Gly Asn  
     115                       120                       125  
 Tyr Arg Arg Glu Arg Pro  
     130                       135

&lt;210&gt; 11116

&lt;211&gt; 224

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11116

Gln Glu Ser Phe Met Ser Arg Phe Arg His Ala Val Lys Asp Arg Asp  
     1                        5                        10                        15  
 Gln His Ile Gln Thr Leu Arg Ile Ala Cys Ala Val Leu Ala Phe Phe  
     20                        25                        30  
 Leu Leu Phe Thr Cys Ala Gly Trp Met Leu Ala Pro Ser Lys Leu Thr  
     35                        40                        45  
 Val His Asn Pro Pro Asp Leu Arg Thr Gly Ser Thr Arg Pro Trp Trp  
     50                        55                        60  
 Glu Val Pro Pro Pro Thr Val Tyr Ser Phe Ala Phe Tyr Ile Phe Gln  
     65                        70                        75                        80  
 Gln Leu Asn Ala Trp Pro Lys Asn Gly Glu Val Asp Tyr Ser Ala Lys  
     85                        90                        95  
 Ile Asn Ala Leu Ser Pro Tyr Leu Thr Pro Ser Cys Gln Asp Phe Leu  
     100                       105                       110  
 Lys Ala Asp Ala Lys Lys Arg Gly Asp Ala Gly Glu Leu Thr Asp Arg  
     115                       120                       125  
 Val Arg Val Val Tyr Glu Val Pro Gly Arg Gly Tyr Gln Ser Gln Ser  
     130                       135                       140  
 Val Thr Val Gln Asp Arg Asp His Trp Ile Ala Arg Leu Asp Val Val  
     145                       150                       155                       160  
 Ala Asp Glu Tyr Phe His Ala Glu Pro Val Lys Arg Ala Leu Val Arg  
     165                       170                       175  
 Tyr Pro Leu Lys Val Val Arg Trp Glu Gly Asp Ala Glu Arg Asn Pro  
     180                       185                       190  
 Phe Gly Leu Ala Leu Asp Cys Tyr Ala Gly Val Pro Gln Arg Leu Glu  
     195                       200                       205  
 Ala Ala Pro Pro Ala Pro Lys Pro Glu Lys Ser Gly Val Phe Gln  
     210                       215                       220

&lt;210&gt; 11117

&lt;211&gt; 234

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11117

Arg Asp Pro Cys Val Phe Cys Gly Ser Val Ala Ala Thr Arg Ser Ala  
     1                        5                        10                        15  
 Val Ala Cys Arg Arg Thr Phe Thr Ala Leu Ala Arg Trp Pro Ala Phe  
     20                        25                        30  
 Thr Gly Tyr Trp Gln Val Leu Pro Ala Ala Gln Cys Pro Gly Val Cys

35	40	45
Arg Phe Val Ala Gln Pro Glu Asn Pro Ala Pro Ala		
50	55	60
Tyr Asp Ile Thr Gly Ala Gly Ala Pro Ala Glu Cys	Gln Cys Val Arg	
65	70	75
Phe Tyr Leu Arg Arg Leu Arg Ser Gly Arg	Leu Thr Lys Glu Ile Pro	
85	90	95
Val Met Tyr Arg Thr Val Phe Ile Leu Ala Leu Ser	Cys Val Met Leu	
100	105	110
Ser Gly Cys Ser Thr Ser Lys Glu Glu Met Leu Pro	Ala Gly Asp Asn	
115	120	125
Thr Met Leu Glu Leu Trp Asn Gly Ala Asp Gly	Gly Ser Thr Ser	
130	135	140
Arg Gln Ser Ala Ala Ala Arg Asp Thr Leu Arg	Arg Pro Leu Thr Gly	
145	150	155
Ser Glu Thr Gln Ala Asp Ala Gln Gly Asp Arg	Ser Tyr Ser Arg Thr	
165	170	175
Gln Glu Ser Glu Ile Thr Gln Gln Phe Pro Arg	Leu Pro Asn Pro Asp	
180	185	190
Met Val Met Tyr Leu Tyr Pro His Leu Ala Asp	Gly Asn Thr Pro Val	
195	200	205
Pro Gly Tyr Ser Thr Val Phe Pro Phe Tyr Ser	Gln Thr Gln Tyr Ala	
210	215	220
Met Pro Gly Glu Arg Thr Glu Ala Leu		
225	230	

&lt;210&gt; 11118

&lt;211&gt; 336

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11118

Pro Gly Arg Trp Ser Val Met Thr Thr Pro Ser Arg	Ile Arg Thr Thr		
1	5	10	15
Val Cys Ser Leu Ala Val Ala Thr Leu Leu Gly	Thr Ala Thr Ala Pro		
20	25	30	
Ala Ala Val Ala Ala Leu Asn Thr Ala Gln Ile	Ile Ala Ser Ala Val		
35	40	45	
Ser Gln Asn Cys Ile Ser Trp Arg Val Ser Gly	Ile Cys Tyr Trp Leu		
50	55	60	
Phe Cys Thr Pro Phe Gly Cys Lys Val Arg	Thr Ser Val Lys Val Thr		
65	70	75	80
His Phe Ile Pro Gln Thr Val Val Ser Thr Tyr	Val Ala Pro Gly Gly		
85	90	95	
Asn Pro Trp Gln Glu Met Ala Phe Val Ser Gln	Thr Ala Gly Gly Leu		
100	105	110	
Glu Ser Ala Val Thr Ser Gly Leu Ser Gly Val	Ser Ala Gly Gly Ala		
115	120	125	
Asn Pro Ala Asp Met Lys Asn Pro Gly Gln Arg	Lys Ser Ala Val Arg		
130	135	140	
Phe Lys Tyr Ala Asp Ala Ile Gly His Pro Ala	Thr Ser Leu Ile Gly		
145	150	155	160
Gly Ser Ile Pro Gly Tyr Ser Cys Asp Thr Ala	Ala Thr Pro Leu Met		
165	170	175	
Pro Tyr Phe Leu Ser Thr Leu Asp Ser Ala Ala	Trp Arg Thr Gly Val		
180	185	190	
Pro Glu Ser Leu Tyr Pro Glu Ala Leu Val Pro	Gly Gln Arg Glu Ile		
195	200	205	
Gly Ser Gln Ala Ala Ala Asn Met Trp Gly Asn	Val Tyr Pro Arg Ser		
210	215	220	
Gly Phe Val Ser Gln Thr Asp Asp Asp Lys Ala	Ser Ala Val Val Ala		

225	230	235	240
Gln Arg Val Ala Asp Ile Ile Thr Arg Val Gly Gln Pro His Val Tyr			
245	250	255	
Gln Val Leu Lys Gly Asn Arg His Asp Gly Tyr Trp Pro Pro Gly Glu			
260	265	270	
Val Thr Glu Asn Thr Gly Thr Arg Asn His Lys Trp Gln Arg Leu Ala			
275	280	285	
Pro His Met Thr Gln Ser Cys Ala Val Phe Pro Asp Gly Ser His Thr			
290	295	300	
Ala Ala Ser Asp Asn Asn Glu Ala Phe Ala Leu Trp Gln Pro Tyr Ser			
305	310	315	320
Cys Cys Lys Lys Arg Gly Gln Lys Phe Leu Gly Ser Thr Asp Ile			
325	330	335	

&lt;210&gt; 11119

&lt;211&gt; 77

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11119

Lys Leu Phe Ser Ser Phe Phe Ser Leu Lys Leu Phe Ile Glu Ala Ser			
1	5	10	15
Leu Glu Leu Asp Pro Ile Cys Val Met Ala Ala Ile Lys Val His Asn			
20	25	30	
Lys Thr Ala Leu Gln Leu Ile Lys Lys Pro Pro Ala Ile Ser Ala Thr			
35	40	45	
Asn Glu Gln Arg Thr Ala Lys Ser Ser Gly Met Trp Pro Asn His Phe			
50	55	60	
Gly Ser Leu Tyr Cys Leu Ala Ser Met Thr Gln Arg			
65	70	75	

&lt;210&gt; 11120

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11120

Arg Asp Tyr Ser Gly Phe Phe Glu Gln Leu Leu Ile Thr Ala Ser Val			
1	5	10	15
Leu Arg Val Thr Asn Lys Phe Ser Asn Ile Ile Gly Leu Ile Phe Phe			
20	25	30	
Asn Ala Leu Arg Leu Val Ile Ile Lys Lys Ala Ser Leu Tyr Cys Ala			
35	40	45	
Tyr Met Gly Leu Pro Arg Ser Trp Trp Glu Thr His Asn Pro Met Phe			
50	55	60	
Asn Leu Pro			
65			

&lt;210&gt; 11121

&lt;211&gt; 62

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11121

His Lys Tyr Ile Leu Ile Phe Lys Asn Gln Ile Ser Met His Asn Tyr			
1	5	10	15
Ser Ile Tyr Phe Pro Cys Val Thr Ala Ser Leu Leu Ser Gln Gln Leu			
20	25	30	
Lys Leu Thr Phe Leu Gln Leu Ala Tyr Lys Lys Tyr Arg Gly Ile Val			
35	40	45	
Tyr Ala Met Asp Asn Lys Ser Asn Ser Asp Pro Ser Phe			

50

55

60

&lt;210&gt; 11122

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11122

Cys	Phe	Ile	Ser	Ile	Phe	Ser	Thr	Glu	Lys	Asp	Phe	Lys	Lys	Asn	Phe
1					5			10						15	
Ile	Asn	Ser	Trp	Leu	Cys	Pro	Leu	Ile	Gln	Ile	Thr	Pro	Ser	Gln	Asn
					20			25						30	
Tyr	Leu	Leu	Gln	Gly	Met	Ser	Leu	Asp	Trp	Pro	Tyr	Lys	His	Gln	Arg
					35			40				45			
Leu	Pro	Leu	Gly	Ala	Val	Phe	Leu	Thr	Thr	Thr	Ala				
					50			55			60				

&lt;210&gt; 11123

&lt;211&gt; 150

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11123

Arg	Ser	Ser	Ala	Thr	Phe	Leu	Met	Lys	Arg	Pro	Gly	Cys	Ser	Pro	Phe
1					5			10					15		
Thr	Ser	Lys	Ser	Arg	Lys	Thr	Thr	Phe	Lys	Glu	Gln	His	Met	Glu	Gln
					20			25				30			
Ile	Thr	Val	Val	Ile	Gly	Asp	Arg	Leu	Gly	Lys	Gly	Gln	Lys	Val	Ala
					35			40			45				
Ala	Gly	Val	Glu	Lys	Ala	Gly	Gly	Arg	Ala	Val	Val	Val	Pro	Gly	Met
					50			55			60				
Ala	Ala	Asp	Met	Lys	Leu	Gly	Asp	Val	Met	Lys	Ala	Glu	Asn	Ala	Thr
					65			70			75			80	
Phe	Gly	Ile	Ser	Phe	Cys	Gly	Ser	Gly	Gly	Ala	Gly	Ala	Ile	Thr	Ala
					85			90			95				
Gln	Thr	Lys	Tyr	Gly	Tyr	Lys	Ala	Lys	Tyr	Gly	Met	Arg	Ser	Val	Asp
					100			105			110				
Glu	Gly	Val	Thr	Ala	Ile	Asn	Glu	Gly	Cys	Asn	Val	Leu	Gly	Phe	Gly
					115			120			125				
Phe	Met	Asp	Lys	Glu	Glu	Leu	Gly	Glu	Arg	Leu	Val	Gln	Ala	Trp	Gln
					130			135			140				
Lys	Lys	Tyr	Gly	Ala											
					145			150							

&lt;210&gt; 11124

&lt;211&gt; 263

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11124

Lys	Gly	Arg	Leu	Met	Phe	Leu	Ile	Ile	Leu	Ile	Lys	Ser	Leu	Ile	Ile
1					5				10			15			
Gly	Gly	Leu	Val	Gly	Val	Gly	Val	Gly	Ala	Gly	Ala	Ala	Arg	Met	Phe
					20			25			30				
His	Ala	Pro	Thr	Thr	Gln	Gly	Met	Gly	Ala	Phe	Arg	Thr	Leu	Gly	Glu
					35			40			45				
Leu	Asn	Ser	Cys	Glu	Gly	Asp	Pro	Ala	Ser	His	Phe	Ser	Phe	Gly	Leu
					50			55			60				
Gly	Phe	Phe	Phe	Asn	Ala	Trp	Ala	Ser	Ser	Val	Ala	Ala	Gly	Ala	Phe
					65			70			75			80	
Thr	Gln	Asp	Val	Asp	His	Arg	Ile	Ile	Pro	Asn	Trp	Gly	Ala	Ala	Ala

85	90	95
Leu Met Ile Lys Asn Arg Asn Val Gly Glu Thr Leu His Asp Pro Arg		
100	105	110
Lys Met Ala Ile Ala Cys Gly Ile Ile Gly Met Ile Val Val Thr Phe		
115	120	125
Leu Asn Leu Thr Ala Ser Ser Val Pro Ala Ala Leu Gln Val Thr Ala		
130	135	140
Val Lys Val Leu Val Pro Ala Ala Asn Leu Leu Val Asn Thr Val Met		
145	150	155
Pro Val Ile Phe Trp Leu Ala Ala Ile Asp Ala Gly Lys Lys Ser Gly		
165	170	175
Phe Trp Ala Thr Ile Phe Gly Gly Ala Ala Gln Leu Ile Met Gly Asn		
180	185	190
Ala Val Pro Gly Leu Val Leu Gly Ile Leu Ile Gly Lys Gly Val Glu		
195	200	205
Glu Ser Gly Trp Asn His Val Thr Lys Val Met Met Ala Ala Ile Val		
210	215	220
Leu Leu Phe Val Leu Ser Gly Phe Phe Arg Gly Phe Asp Met Lys Met		
225	230	235
Ile Glu Ser Phe His Leu Thr Val Pro Asn Trp Leu Asp Met Ile His		
245	250	255
Asn Ser Leu Ser Gly Lys		
260		

&lt;210&gt; 11125

&lt;211&gt; 214

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11125

Met Glu Gln Asn Lys Gly Phe Trp Tyr Ala Asp Trp Ser Phe Pro Ile		
1	5	10
Phe Val Gly Leu Leu Ser Ser Gly Val Phe Ala Gly Thr His Met Tyr		
20	25	30
Tyr Leu Tyr Gly Ile Gly Ala Phe Asn Glu Val Ala Phe Val Ala Met		
35	40	45
Leu Lys Ala Gly Ile Asp Thr Gly Val Tyr Gly Ala Val Ala Ala Phe		
50	55	60
Gly Ala Ser Phe Leu Phe Ala Arg Ile Ile Glu Gly Ser Leu Val Gly		
65	70	75
Ile Leu Asp Ile Gly Gly Ala Ile Gln Thr Gly Val Gly Leu Gly Val		
85	90	95
Pro Ala Leu Leu Leu Gly Ala Gly Ile Met Phe Pro Val Thr Asn Phe		
100	105	110
Ile Ala Ser Leu Ile Thr Gly Leu Val Ile Gly Leu Ala Ile Gly Tyr		
115	120	125
Val Ile Ile Leu Ala Arg Lys Phe Thr Ile Asn Gln Ser Asn Ser Thr		
130	135	140
Tyr Gly Ala Asp Val Met Met Gly Ala Gly Asn Ala Ser Gly Arg Phe		
145	150	155
Leu Gly Pro Leu Ile Ile Leu Ser Ala Met Thr Ala Ser Ile Pro Ile		
165	170	175
Gly Val Gly Ser Leu Val Gly Ala Leu Leu Phe Tyr Ile Trp Gln Lys		
180	185	190
Pro Ile Thr Gly Gly Ala Ile Leu Gly Ala Met Ile Leu Gly Trp Leu		
195	200	205
Phe Pro Val Ala Leu		
210		

&lt;210&gt; 11126

&lt;211&gt; 256

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11126

Arg	Ser	Ile	Arg	Thr	Gly	Glu	Lys	Arg	Met	Lys	Leu	Thr	Pro	Asn	Phe
1					5				10						15
Tyr	Arg	Asp	Arg	Val	Cys	Leu	Asn	Val	Leu	Ala	Gly	Ser	Lys	Ala	Asn
					20				25						30
Ala	Ser	Ala	Ile	Tyr	Glu	Ala	Ala	Glu	Gly	His	Val	Leu	Val	Gly	Val
					35				40						45
Leu	Ser	Lys	Asn	Tyr	Pro	Asp	Val	Ala	Ser	Ala	Val	Ala	Asp	Met	Arg
					50				55						60
Glu	Tyr	Ala	Lys	Leu	Ile	Asp	Asn	Ala	Leu	Ser	Val	Gly	Leu	Gly	Ala
					65				70						80
Gly	Asp	Pro	Asn	Gln	Ser	Ala	Met	Val	Ser	Glu	Ile	Ser	Arg	Gln	Val
					85				90						95
Gln	Pro	Gln	His	Val	Asn	Gln	Val	Phe	Thr	Gly	Val	Ala	Thr	Ser	Arg
					100				105						110
Ala	Leu	Leu	Gly	Gln	Asn	Asp	Ser	Val	Val	Asn	Gly	Leu	Val	Ser	Pro
					115				120						125
Thr	Gly	Thr	Val	Gly	Met	Val	Lys	Ile	Ser	Thr	Gly	Pro	Leu	Ser	Ser
					130				135						140
Asn	Ala	Pro	Asp	Gly	Ile	Val	Pro	Val	Glu	Thr	Ala	Ile	Ala	Leu	Leu
					145				150						160
Lys	Asp	Phe	Gly	Gly	Ser	Ser	Ile	Lys	Tyr	Phe	Pro	Met	Gly	Gly	Leu
					165				170						175
Lys	Cys	Arg	Asp	Glu	Tyr	Gln	Ala	Val	Ala	Glu	Ala	Cys	Ala	Arg	His
					180				185						190
Asp	Phe	Trp	Leu	Glu	Pro	Thr	Gly	Gly	Ile	Asp	Leu	Glu	Asn	Phe	Glu
					195				200						205
Ala	Ile	Leu	Gln	Ile	Ala	Leu	Asp	Ala	Gly	Val	Ser	Lys	Ile	Ile	Pro
					210				215						220
His	Ile	Tyr	Ser	Ser	Ile	Ile	Asp	Lys	Ala	Ser	Gly	Asp	Thr	Arg	Pro
					225				230						240
Glu	Asp	Val	Arg	Thr	Leu	Leu	Ala	Met	Thr	Lys	Lys	Leu	Val	Lys	
					245				250						255

&lt;210&gt; 11127

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11127

Ile	Asn	Leu	Cys	Thr	Leu	Gly	Lys	Tyr	Glu	Val	Leu	Val	Tyr	Ser	His
1					5				10						15
Trp	Ala	Ser	Lys	Phe	Ala	Leu	Arg	Thr	Val	Gly	Pro	Ile	Val	Ala	Pro
					20				25						30
Gln	Glu	Arg	Met	Ile	Arg	Arg	Arg	Tyr	Lys	Asn	Glu	Asn	Phe	Pro	Thr
					35				40						45
Leu	Gln	Pro	Ala	Ser	Gly	Gly	Glu	Val	Arg	Glu	Asp	Pro	Val	Pro	Trp
					50				55						60
Thr	Val	Val	His	Gln	Gly	Cys	Trp	Arg	Phe						
					65				70						75

&lt;210&gt; 11128

&lt;211&gt; 153

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11128

Leu Leu Ala Glu Lys Gly Ser Arg Tyr Ala Trp Lys Ile Asn Gly Ile

1	5	10	15												
Ile	Met	His	Arg	Asp	Leu	Val	Phe	Lys	Asn	Lys	Asn	Ile	Phe	Val	Leu
			20					25							30
Phe	Met	Leu	Ala	Thr	Ile	Gly	Tyr	Gly	Ile	Trp	Arg	Met	Leu	Gly	Asp
			35				40							45	
Phe	Phe	Tyr	Leu	Glu	Gln	Thr	Ile	Val	Tyr	Arg	His	Ala	Val	Ala	Asp
			50				55						60		
Lys	Ser	Met	Leu	Tyr	Ile	Thr	Glu	Ser	Ser	Ala	Gly	Ala	Thr	Thr	Ser
			65				70				75			80	
Phe	Val	Tyr	Lys	Tyr	Tyr	Leu	Tyr	Thr	Ala	Gln	Lys	Thr	Asp	Glu	Val
			85				90							95	
Phe	Leu	Glu	Asp	Ile	Lys	Asn	Gly	Tyr	Glu	Pro	Phe	Leu	Val	Thr	Thr
			100					105						110	
Asp	Pro	Gly	Val	Lys	Val	Ser	Ile	Glu	Asp	Arg	Thr	Ile	Phe	Leu	Lys
			115				120							125	
Val	Ser	Gly	Asp	Ile	Phe	Lys	Phe	Asn	Asn	Ile	Val	Gly	Ser	Ala	Phe
			130				135						140		
Ile	Tyr	Leu	Asn	Ser	Ser	Pro	Phe								
			145				150								

&lt;210&gt; 11129

&lt;211&gt; 124

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11129

1	5	10	15												
Phe	Tyr	Ser	Arg	Ala	Ile	Asn	Gly	Val	Arg	Arg	Val	Ile	Asn	Gly	Ala
Val	Met	Asn	Asp	Val	Gly	Glu	Gln	Ala	Val	Gln	Thr	Glu	Gln	Leu	Ala
								20		25				30	
Lys	Thr	Met	Leu	Gln	Gln	Val	Tyr	Ala	Leu	Leu	Ala	Arg	His	Asn	Ile
							35		40				45		
Ile	Pro	Asn	Ala	Val	Gln	Glu	Gln	Met	Leu	Thr	Ser	His	Val	Arg	Ala
							50		55				60		
Met	Ala	His	Arg	Ser	Val	Thr	Gly	Glu	Pro	Leu	Pro	Glu	Val	Glu	Ala
							65		70				80		
Glu	Leu	Phe	Asp	Glu	Ile	Ser	Pro	Asp	Ser	Met	Gln	Leu	Ala	Arg	Glu
							85		90				95		
Val	Val	Ala	Gln	Phe	Gly	Asn	Leu	Pro	Asp	Glu	Glu	Ala	Trp	Leu	Leu
							100		105				110		
Ser	Val	His	Phe	Glu	Val	Ala	Lys	Asp	Asn	Leu					
							115		120						

&lt;210&gt; 11130

&lt;211&gt; 119

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11130

1	5	10	15												
Arg	Arg	Ala	Gly	Arg	Ala	Ser	Gly	Thr	Gly	Val	Ala	Glu	Glu	Ile	Arg
Arg	Val	Ser	Met	Lys	Glu	Gln	Phe	Thr	Thr	Thr	Val	Arg	Val	Lys	Gly
								20		25				30	
Lys	Gly	Asp	Ala	Lys	Ala	Arg	Ala	Phe	Ala	Asp	Ala	Leu	Asn	His	Val
								35		40				45	
Gln	Ala	Ala	Val	Met	Lys	Ala	Ser	Pro	His	Ile	Leu	Leu	Arg	Ile	Glu
								50		55			60		
Pro	Gln	Asp	Val	Gln	Val	Val	Gln	Ala	Gln	Glu	Ala	Val	Arg	Lys	Glu
								65		70			80		
Ala	Phe	Leu	Phe	Phe	Leu	Arg	Arg	Glu	Arg	Arg	Thr	Tyr	Ser	Val	
							85		90				95		

Glu Leu Asp Val Thr Val Asn Val Thr Ala Ile Asn Leu Asp Gln Val  
 100 105 110  
 Asp Phe Val Thr Gln Arg  
 115

<210> 11131  
<211> 80  
<212> PRT  
<213> Enterobacter cloacae

<400> 11131  
Pro Leu Val Leu Ile Ser Pro Gly Asp Ala Pro Gly Gly Asn Ser  
1 5 10 15  
Arg Glu Lys Ile Ser Gln Arg Thr Gly Ile Arg Gly Asp Cys Cys Gln  
20 25 30  
Thr Gln Thr Gln Arg Val Arg Gln Arg Gln Gln Gly Ile Asp Leu Ser  
35 40 45  
Val Leu Arg Cys Gly Asn Leu Lys Ser Val Ala Glu Arg Ile Leu Arg  
50 55 60  
Val Val Lys Ala Glu Arg Ile Gly Gly His Leu Gln Leu Thr Arg  
65 70 75 80

<210> 11132  
<211> 67  
<212> PRT  
<213> Enterobacter cloacae

<400> 11132  
Ser Arg Arg Ser Ser Ile Lys Arg Trp Pro Thr Ile Pro Leu Pro Met  
1 5 10 15  
Ile Ala Glu Ser Asp Phe Asp His Tyr Cys Leu Asp Phe Phe Ser Ile  
20 25 30  
Ile Ala Tyr Val Asn Asp Ser Ala Gly Ala Leu Ile Asp Ala Asn Gln  
35 40 45  
Ile Arg Leu His Ile Pro Leu Arg Gly Tyr Ile Tyr Asp Leu Ser Gly  
50 55 60  
Leu Leu  
65

<210> 11133  
<211> 93  
<212> PRT  
<213> Enterobacter cloacae

<400> 11133  
Glu Lys Lys Leu Ile His Val Ser Leu Met Arg Leu Leu Leu Val Met  
1 5 10 15  
Ser Gly Leu Leu Lys Val Lys Lys Asn Ala Met Thr Ala Phe Glu Arg  
20 25 30  
Ala Asp Phe Ser Arg Glu Ser Asp Leu Ile Lys Ser Phe Gln Lys Ile  
35 40 45  
Leu Ser Thr Ile Ala Gly Phe Asn Val Met Gln Ile Thr Leu Tyr Cys  
50 55 60  
Gly Val Asn Asn Arg Leu Arg Gly Asn Asn Cys Phe Asn Leu Val Lys  
65 70 75 80  
Leu Gly Lys Arg Leu Val Trp Val His Thr Ala Leu  
85 90

<210> 11134  
<211> 61  
<212> PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11134

Leu	Ala	Ser	Glu	Gln	Phe	Val	Arg	Leu	Ala	Val	Ile	Asn	Asp	Leu	Cys
1					5					10					15
Thr	His	Leu	Met	His	Arg	Leu	Arg	Gly	Trp	Leu	Arg	Thr	Leu	Asp	Glu
					20					25					30
Ile	Leu	Gly	Thr	Ala	Ile	Thr	Ala	Ile	Arg	Glu	Leu	Ser	Ser	Ala	Ala
					35					40					45
Val	Asn	Ile	Asp	Arg	Asp	Asn	Ala	Arg	Arg	Arg	Arg				
					50					55					60

&lt;210&gt; 11135

&lt;211&gt; 133

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11135

Glu	Arg	Tyr	Ile	His	Arg	Leu	Phe	Ile	Phe	Leu	Thr	Val	Ser	Ala	Asn
1						5				10					15
Ala	Met	Gly	Lys	Phe	Ile	Ile	Tyr	Met	Leu	Asn	Ile	Leu	Phe	Cys	Gly
						20				25					30
Tyr	Val	Leu	Ala	Thr	Cys	Leu	Ile	Ser	Leu	Val	Ser	Phe	Asp	Asn	Trp
						35				40					45
Glu	Asp	Arg	Thr	Ile	Ala	Ile	Thr	Ile	Ile	Leu	Gly	Ser	Ala	Gln	Leu
						50				55					60
Ile	Ala	Thr	Leu	Leu	Asn	Arg	Ala	Leu	Pro	His	Lys	Leu	His	Ile	Leu
						65				70					80
Gly	Gly	Ile	Ala	Glu	Leu	Ile	Glu	Gly	Pro	Leu	Leu	Val	Ile	Gly	Ala
						85				90					95
Ile	Val	Cys	Leu	Asp	Val	Phe	Glu	Pro	Trp	Pro	Met	Lys	Ile	Ile	Gly
						100				105					110
Met	Phe	Ala	Trp	Val	Ile	Phe	Met	Met	Phe	Arg	Pro	Ser	Phe	Thr	Lys
						115				120					125
Arg	Asn	Lys	Glu												
						130									

&lt;210&gt; 11136

&lt;211&gt; 71

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11136

Leu	Ile	Ala	Thr	Asn	Glu	Glu	Val	Phe	Met	Thr	Ile	Arg	Asn	Asn	Arg
1							5				10				15
Thr	Glu	Ile	Ser	Leu	Ala	Leu	Gly	Glu	Ala	Val	Leu	Asp	Ile	Val	Gln
							20				25				30
Lys	Gly	His	Glu	Val	Ser	Arg	Glu	Asn	Leu	Ala	Gln	Ala	Met	Lys	Ile
						35				40					45
Lys	Ala	Glu	Lys	Glu	Arg	Asp	Asp	Glu	Arg	Leu	Leu	Asn	Tyr	Trp	Lys
						50				55					60
Ala	Cys	Asn	Met	Leu	Val										
						65				70					

&lt;210&gt; 11137

&lt;211&gt; 150

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11137

Arg Phe Leu Gly Gly Ala Gly Leu Gln Leu Leu Cys Ile Leu Met Lys

1	5	10	15
Asn Thr Thr Met Pro Pro Arg Ile Asp	Leu Gly Leu Phe	Phe	Leu Arg
20	25		30
Leu Thr Gly Ser Leu Leu Leu	Tyr Val His Gly	Leu Pro	Lys Val
35	40	45	
Leu His Phe Ser Glu Glu	Leu Thr Arg Ile Glu Asp	Pro Phe Gly	Phe
50	55	60	
Gly Pro Tyr Ala Ser Leu	Ile Pro Ala Ile Val	Ala Glu Val Ile	Cys
65	70	75	80
Pro Leu Phe Ile Ile Ala Gly Val Tyr	Thr Arg Leu Ala Cys	Leu Pro	
85	90		95
Ile Ile Ala Val Leu Leu Val Ala Met	Leu Ala Val His	Pro Asn Trp	
100	105		110
Ser Ile Ala Glu Gly Gln Phe Gly Trp	Leu Leu Leu Ile	Ile Phe Thr	
115	120	125	
Thr Leu Ala Leu Thr Gly Pro Gly Gln Trp Arg	Leu Gln Arg Lys Ala		
130	135	140	
Ala Glu Arg Phe Ala			
145	150		

<210> 11138

<211> 101

<212> PRT

<213> Enterobacter cloacae

<400> 11138

<210> 11139

<211> 101

<212> PRT

<213> Enterobacter cloacae

<400> 11139

<210> 11140  
<211> 120  
<212> PRT  
<213> Enterobacter cloacae

<400> 11140  
Ser Asn Cys Ala Gly Gln Arg Gln Thr Met Val Glu Asn Ile Glu Gln  
1               5               10               15  
Arg Ile Tyr Ala Leu Val Arg Arg Tyr Asn Gly Val Tyr Leu Met Asn  
20              25              30  
Asn Glu Glu Lys Gln Lys Leu Leu Asn Ala Lys Thr Asp Leu Asp Thr  
35              40              45  
Asp Met Gln Leu Asp Val Thr Glu Ala Glu Asp Leu Met Asp Glu Phe  
50              55              60  
Phe Lys Glu Phe Asn Val Asp Arg Gly Asn Phe Asn Ile Asn Thr Tyr  
65              70              75              80  
Tyr Pro Asp Glu Pro Phe Ser Trp Asn Pro Phe Lys Lys Phe Pro Val  
85              90              95  
Val Met Val Pro Asp Phe Thr Ile Gly Met Leu Ile Glu Ser Ala Lys  
100             105             110  
Ala Gly Lys Trp Leu Tyr Asp  
115             120

<210> 11141  
<211> 154  
<212> PRT  
<213> Enterobacter cloacae

<400> 11141  
Thr Met Asp Thr Thr Glu Glu Leu Asn Glu Thr Tyr Phe Tyr Ala Gly  
1               5               10               15  
Arg Thr Asn Leu Thr Ala Ala Gly Leu Phe Phe Met Ile Tyr Cys Glu  
20              25              30  
Ser Ile Ala Asp His Phe Gly Ile Asp Asp Val Ala Gly Ile Ala Ala  
35              40              45  
Leu Tyr Ser Gly Ala Asn Asn Gln Thr Thr Arg Lys Lys Pro Ala Gly  
50              55              60  
Ala Thr Glu Gly Thr Ser Arg Ala Ser Lys Ala Met Arg Asn Tyr Phe  
65              70              75              80  
Lys Gln Ala Lys Phe Pro Tyr Gly Ile Lys Leu Pro Thr Trp Val Gly  
85              90              95  
Gly Tyr Thr Pro Trp Thr Val Lys Cys Arg Met Val Ser Lys Val Ser  
100             105             110  
Ala Phe Val Gly Arg Thr Ile Pro Leu Ile Gly Ile Val Ile Leu Val  
115             120             125  
Ala Asp Val Ser Leu Ile Thr Tyr Ala Ala Ile Arg Asp Tyr Asn Arg  
130             135             140  
Ile Ala Arg Gly Ser Asp Lys Leu Trp  
145             150

<210> 11142  
<211> 106  
<212> PRT  
<213> Enterobacter cloacae

<400> 11142  
Ser Gly Cys Arg Ala Gly Asp Gly Ser Pro Arg Ser Thr Pro Asp Arg  
1               5               10               15  
Ser Val Ile Met Lys Ala Trp Ile Ile Ser Leu Val Cys Gly Ala Ala  
20              25              30

Ala Gly Val Leu Tyr Ala Leu Leu Asp Val His Ser Pro Ala Pro Pro  
     35                        40                        45  
 Val Val Ala Leu Leu Gly Leu Phe Gly Met Leu Val Gly Glu Gln Leu  
     50                        55                        60  
 Ile Pro Ile Gly Arg Arg Leu Val Ser Arg Glu Pro Leu Thr Leu Ala  
     65                        70                        75                        80  
 Trp Phe Arg His Glu Cys Val Pro Lys Ile Ser Gly Thr Ala Pro Pro  
     85                        90                        95  
 Ala Pro Ala Lys Glu Ser Arg Asp Ala  
     100                       105

&lt;210&gt; 11143

&lt;211&gt; 109

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11143

Cys Phe Lys Met Leu Ile Glu Arg Leu Ser Leu Asn Leu Cys Ala Thr  
 1                        5                        10                        15  
 Val Asn Phe Val Gln Gln Ala Asn Asn Arg Asn Arg Arg Ile Ile Met  
     20                        25                        30  
 Val Asp Lys Ser Ala Ile Lys Asp His Thr Gln Val Val Ala Ser Cys  
     35                        40                        45  
 Gly Thr His Val Gly Val Val Asp His Leu Asp Gly Glu Arg Ile Lys  
     50                        55                        60  
 Leu Ala Lys Ser Asp Pro Glu Ser Gly Gly Lys His His Phe Ile Pro  
     65                        70                        75                        80  
 Leu Gly Trp Val Asp Lys Val Glu Asp Asn Lys Val Val Leu Thr Lys  
     85                        90                        95  
 Asn His Lys Glu Val Phe Ala Glu Trp Gln Glu Ala  
     100                       105

&lt;210&gt; 11144

&lt;211&gt; 215

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11144

Phe Ser Leu Phe His Leu Gln Glu Ile Ile Asp Pro Ser Met Met Lys  
 1                        5                        10                        15  
 Tyr Ile Arg Asp Ser Leu Ala Leu Ser Ala Leu Val Lys Ser Lys Met  
     20                        25                        30  
 Ala Thr Asp Asp Leu Asn Gln Leu Glu Thr Leu Lys Glu Gln Leu Lys  
     35                        40                        45  
 Asp Arg Phe Gly Val Pro Val Gly Val His Met Thr Gly Ile Pro Leu  
     50                        55                        60  
 Ala Val Ser Thr Leu Leu Ala Ile Phe Cys Tyr Ala Met Leu Gln Val  
     65                        70                        75                        80  
 Ser Leu Trp Leu Leu Phe Arg Trp Leu Gly Leu Pro Glu Phe Lys  
     85                        90                        95  
 Val Met Met Gly Val Phe Ile Ala Ala Ile Val Tyr Cys Leu Val Val  
     100                       105                       110  
 Met Ser Thr Met Phe Leu Thr Thr Arg Gly Ser Leu Pro Gly Tyr Lys  
     115                       120                       125  
 Leu His Ile Phe Val Ile Thr Leu Thr Gly Ile Met Ser Ile Ile Tyr  
     130                       135                       140  
 Phe Ile Trp Thr Gly Ile Ser Leu Leu Phe Gly Pro Val Glu Asn Tyr  
     145                       150                       155                       160  
 Thr Pro Gln Ile Thr Ser Leu Leu Gly Leu Gly Phe Phe Phe Leu Asn  
     165                       170                       175  
 Ile Met Trp Met Asn Ser Ser Ile Phe Tyr Arg Ser Ile Ala Leu Thr

180	185	190
Leu His Asn Arg Val Trp Arg Lys Gln Leu Lys Ile Glu Ala Arg Pro		
195	200	205
Met Ser His Leu Lys Arg		
210	215	

&lt;210&gt; 11145

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11145

Gln Gln Gly Val Leu Thr Phe Asp Ala Gly Arg Ile Val Ala Ala Asn		
1	5	10
Leu Ile Ala Gly Lys Glu Thr Thr Val Leu Ile Phe Val Phe Lys Ile		
20	25	30
Asn Ile Lys Ser Lys Val Leu Arg Phe Ser Asp Phe Leu Tyr Ile Asp		
35	40	45
Lys Ile Asp His Arg Thr Ile Tyr Cys Asp Ile Ser		
50	55	60

&lt;210&gt; 11146

&lt;211&gt; 353

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11146

Thr Leu Phe Gly Thr Phe Leu Ile Leu Ser Val Asn Arg Thr Phe Thr		
1	5	10
Leu Val Leu Leu Thr Ile Asn Ile Ser His Gly Arg Arg Asp Glu Val		
20	25	30
Thr Phe Thr Gly Gln Phe Ser Lys Asp Leu Pro Asp Tyr Ala Leu Ala		
35	40	45
Arg Ser Leu Gly Leu Ala Ser Gly Gly Asp Ile Asn Phe Thr Ala Leu		
50	55	60
Ala Gly Gln Leu Asp Cys Ser Arg Asn Phe Ser Gln Ala Gly Ile Ile		
65	70	75
Tyr Ser Asp Gly Thr Arg Gln Trp Leu Val Arg Pro Ser Arg Arg Ile		
85	90	95
Ala Thr Pro Asn Glu Ser Ser Val Ser His Val Val Ile Thr Lys Val		
100	105	110
Asn Ala Ala Leu Val Asn Pro Val Gln Ala Thr Thr Ala Thr Ile Asn		
115	120	125
Ser Pro Ser Leu Ala Thr Glu Ile Gly Ser Thr Ala Ile Ser Cys Gly		
130	135	140
Ala Ala Ile Leu Thr Val Val Leu Ala Ala Gly Ala Gly Met Ala Ile		
145	150	155
Pro Leu Thr Ala Gly Ser Ser Gly Ala Ile Ala Ala Val Ile Leu Ala		
165	170	175
Gly Gly Val Ala Thr Gly Ile Gln Cys Ala Asn Gly Leu Gly Arg Leu		
180	185	190
Ser Leu Ile Ala Met Asn His Asp Asp Tyr Val Ala Trp Met Asp Ser		
195	200	205
Gln Glu Trp Tyr Thr Ala Thr Asn Thr Ala Leu Asp Ala Ile Ser Leu		
210	215	220
Ala Gly Ala Ala Gly Leu Lys Ser Ala Ala Leu Thr Tyr Arg Leu		
225	230	235
Leu Asn Arg Ser Ser Ser Glu Ser Leu Leu Ser Leu Leu Gln Lys Met		
245	250	255
Ser Arg Ala Asp Arg Thr Arg Leu Thr Glu Glu Ile Ile Arg Ile Arg		
260	265	270

Asn	Pro	Gly	Ile	Ser	Asn	Ser	Gly	Val	Lys	Ala	Ala	Met	Lys	Ala	Gly
275					280							285			
Val	Tyr	Pro	Lys	Arg	Tyr	Pro	Ser	Glu	Ala	Leu	Gln	Leu	Leu	Leu	Gln
290					295						300				
Arg	Glu	Leu	Leu	Asn	Thr	Ile	Ser	Asn	Ser	Ser	Ala	Phe	Val	Gly	Ser
305					310				315			320			
Ala	Ile	Ser	Gly	Asn	Ile	Arg	Asn	Pro	Gln	Asn	Val	Ala	Gln	Thr	Gly
					325				330			335			
Lys	Tyr	Ile	Phe	Gly	Leu	Ile	Gln	Ser	Phe	Ser	Phe	Thr	Gly	Asn	Tyr
					340				345			350			

&lt;210&gt; 11147

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11147

Leu	Tyr	Leu	Lys	Thr	Met	Lys	Asn	Phe	Asp	Asn	Glu	Met	Arg	Ile	Phe
1					5				10				15		
Ser	Leu	Ile	Phe	Ser	Val	Phe	Ile	Ile	Glu	Leu	Val	Ser	Phe	Tyr	Phe
					20			25				30			
Asn	Ile	Ser	Gly	Gly	Pro	Thr	Ala	Val	Met	Ser	Ala	Ile	Val	Val	Ser
					35			40			45				
Gln	Ser	Phe	Val	Gly	Ala	Gln	Tyr	Leu	Lys	Ala	Arg	Asn	Arg	Thr	Ile
					50			55			60				
Gly	Ser	Leu	His	Gln	Arg	Pro	Glu	Gly	Gln	Ile					
					65			70			75				

&lt;210&gt; 11148

&lt;211&gt; 62

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11148

Pro	Leu	Arg	Ile	His	Pro	Lys	Arg	Ser	Arg	Ala	Phe	Ser	Val	Lys	Leu
1					5				10			15			
Ile	Tyr	Arg	Arg	Trp	Gly	Ile	Ser	Pro	Arg	Pro	Glu	Asn	Lys	Arg	Asp
					20			25			30				
Asn	Tyr	Asn	Ala	Ile	Asp	Tyr	Pro	Gly	Gln	Cys	Ile	Ser	Phe	Lys	Gln
					35			40			45				
Phe	Cys	Leu	Thr	Arg	Gly	Met	Thr	Arg	Tyr	Asn	Arg	His			
					50			55			60				

&lt;210&gt; 11149

&lt;211&gt; 91

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11149

Leu	His	Pro	Arg	Val	Asp	Glu	Ile	Asp	Asp	Val	Gly	Ser	Gly	Lys	Gln
1					5				10			15			
Val	Ile	Asp	Glu	Asn	Ala	Trp	Asp	Ser	Ser	Gly	His	Met	Pro	Gln	Lys
					20			25			30				
Phe	Lys	Arg	Leu	Ile	Asn	Glu	Asn	Lys	Pro	Arg	Ile	Pro	Ser	Gly	Ser
					35			40			45				
Thr	Ala	Leu	Arg	Leu	Gln	Leu	Cys	Leu	Ser	Ile	Glu	Gly	Cys	Gly	Pro
					50			55			60				
Gln	Gln	Ile	Ser	Thr	Asp	Glu	Tyr	Gly	Val	Arg	Phe	Arg	Glu	Pro	Val
					65			70			75			80	



Pro Leu Ser Glu Leu Pro Arg Lys Asn Ala Tyr Pro Val Ala Ile Leu  
 65 70 75 80  
 Leu Pro Leu Phe Leu Val Ile Phe Ala Phe Asn Leu Leu Pro Phe Leu  
 85 90 95  
 Gln Thr Ile Ser Ser Met Ser Pro Thr Leu His Thr Leu Ser Phe Phe  
 100 105 110  
 Val Pro Ser Leu Ala Ile Leu Ile Phe Leu Met Leu Ala Ser Ala Phe  
 115 120 125  
 Leu Ala Arg Gly Tyr Thr Ser Gly Leu Ser Gly Phe Leu Ala Leu Phe  
 130 135 140  
 Ile Ile Leu Leu Thr Leu Thr Val Leu Gln Trp Leu His Tyr Leu Thr  
 145 150 155 160  
 Ile Ser Asp Gly Ser Ser Trp Gln Leu Ile Ile Ala Thr Ile Ala Leu  
 165 170 175  
 Val Ile Ser Arg Met Val Leu Asn Ser Arg Gly Phe Val Leu Phe Thr  
 180 185 190  
 Leu Tyr Cys Arg Ser Lys Arg Leu Ala Thr Leu Ala Arg Ile Met Arg  
 195 200 205  
 Leu Lys Ser Gly Lys Asp Asn Val Arg Asn Thr  
 210 215 220

&lt;210&gt; 11153

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11153

His Asp Tyr Phe Phe His Leu Phe Asp Pro Ile Leu Ser Gln Lys Asn  
 1 5 10 15  
 Leu Ile Val Asn Asp Phe Pro Ile Asn Leu Val Ala Leu Cys Ile Pro  
 20 25 30  
 Glu Met Gly Val Tyr Asn Val Asp Ile Ala Phe Lys Asn Ser Leu Lys  
 35 40 45  
 Arg Val Leu Leu Arg Pro Gln Phe Leu Thr Leu Tyr Phe Leu Lys Phe  
 50 55 60  
 Lys Glu Ser Asn Asn Tyr Ser Met Lys Leu Ser Leu Arg  
 65 70 75

&lt;210&gt; 11154

&lt;211&gt; 77

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11154

Lys Val Lys Ile Glu Cys Arg Val Ala Leu Arg Leu Pro Asp Leu Glu  
 1 5 10 15  
 Asn Pro Asn Pro Arg Pro Gly Lys Ala Lys Pro Ser Pro Gly Lys Thr  
 20 25 30  
 Asn Thr Leu Val Val Gln His Leu Leu His His Leu Leu Val His  
 35 40 45  
 Leu Ile Arg Val Val Gly Arg Pro Val Ile His Leu Phe Gln Gln Arg  
 50 55 60  
 Leu Val Gly Gly Val Ala His Lys Asp Met Glu Val  
 65 70 75

&lt;210&gt; 11155

&lt;211&gt; 63

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11155

Pro Val Lys Glu Val Lys Val Pro Pro Gly Ala Ala Glu Phe Thr Val  
 1 5 10 15  
 Arg Tyr His Met Gln Thr Ala Gly Ala Leu Leu Phe Asp Asn Met Ala  
 20 25 30  
 Asn Gly Leu Val Leu Asn Arg Ala Lys Leu Thr Gly Ile Asp Leu Thr  
 35 40 45  
 Ala Gly Lys Leu Gln Thr Gly Leu Phe Asn Arg Val Arg Ala  
 50 55 60

&lt;210&gt; 11156

&lt;211&gt; 74

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11156

Lys Thr Ala Asp Tyr Ile Gly Ala Val Arg Gly Val Val Ser Leu His  
 1 5 10 15  
 Gly Asn Leu Leu Cys Leu Ser Ala Leu Ile Ala His Ser Asp Asn Ser  
 20 25 30  
 Phe Leu Glu His Leu Asp Phe Trp Met Ser Lys Arg Pro Lys Lys Met  
 35 40 45  
 Ser Tyr Arg Leu Ala Ala Asp Lys Arg Glu Asn Phe Ile Cys Val Glu  
 50 55 60  
 Ile Asn Ser Cys Ser Gln Gly Gly Arg  
 65 70

&lt;210&gt; 11157

&lt;211&gt; 113

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11157

Met Gln Arg Ala Gly Gln Met Pro Pro Gly Lys Met Phe Arg Leu Pro  
 1 5 10 15  
 Asp Asn Val Gln Gln Asn Lys Val Leu Leu Thr Ala Gly Tyr Arg Val  
 20 25 30  
 Met Asp Ile Gly Ala Val Arg Leu Asp Ala Gln Thr Thr Gln Lys Met  
 35 40 45  
 Pro His Gly Phe Leu Arg Leu Ser Ser Arg Lys Phe Ser Asn Ile Ala  
 50 55 60  
 His Glu Ser Ser Phe Val Val Phe Val Leu Thr Leu Leu Tyr Pro  
 65 70 75 80  
 Leu Ile Gln Asn Met Asn Ala Ser Ala Tyr Ala Arg Lys Gln Gln Lys  
 85 90 95  
 Asp Asp Lys Leu Lys Thr Ser Leu Ala Ala Arg Gly Arg Ala Gly Ile  
 100 105 110

&lt;210&gt; 11158

&lt;211&gt; 83

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11158

His Gln Lys Arg Ile Asp Ala Glu Asn Thr Pro Ser His Asp Gln Tyr  
 1 5 10 15  
 Phe Thr Val Val Met Leu Phe Ile Ile Gly Thr Ser Asp Phe Asn Tyr  
 20 25 30  
 Leu Arg Leu Arg Gly Leu Pro Ser Phe Tyr Ile Ala Asp Val Tyr Leu  
 35 40 45

Leu Arg Ser Thr Lys Ala His Ser Leu Tyr Ser Asp Tyr Leu His His  
 50 55 60  
 Tyr Ala Lys Phe Lys Ile Ile Val Phe Trp Val Arg Leu Pro Arg Thr  
 65 70 75 80  
 His Gln

<210> 11159

<211> 71

<212> PRT

<213> Enterobacter cloacae

<400> 11159

Thr Thr Ile Val Ser Pro Ser Ala Arg Val Ser Ser Ala Ala Cys Ala  
 1 5 10 15  
 Leu Trp Tyr Ser Val Glu Lys Met Ala Ser Val Ser Val Ala Gly Ala  
 20 25 30  
 Asn Leu Ile Met Leu Phe Ile Asn Ser Phe Pro Phe Val Lys Asn Ala  
 35 40 45  
 Met Thr Asn Ile Asn Asp Ser His Ser His Tyr Asn Lys Val Thr Ala  
 50 55 60  
 Ile Ser Ile Lys Ser Ser  
 65 70

<210> 11160

<211> 84

<212> PRT

<213> Enterobacter cloacae

<400> 11160

Ser Leu Ala Gly Gly Leu Ser Trp Leu Cys Pro Val Leu Asp Gly Gly  
 1 5 10 15  
 Cys Ser Ser Cys Leu Glu Leu Leu Gly Leu Ile Met Val Met Thr Val  
 20 25 30  
 Arg Thr Glu Ala Arg Lys Glu Met Cys Gln Leu Arg Asp Asn Ala His  
 35 40 45  
 Lys Ala Arg Lys Ala Pro Ala Thr Ser Val Pro Ala Ser Trp Lys Leu  
 50 55 60  
 Thr Pro Gln Gln Gln Ala Phe Ile Asp Val Phe Ala Glu Asp Glu Pro  
 65 70 75 80  
 Lys Lys Gln

<210> 11161

<211> 99

<212> PRT

<213> Enterobacter cloacae

<400> 11161

Leu Leu Ile His Asp Ile Ala Ser Val Ile Ile Val Val Thr Lys Glu  
 1 5 10 15  
 Ala Tyr Pro Gln Pro Ile Arg Leu Thr Thr Ser Lys Thr Arg Phe Gly  
 20 25 30  
 His Pro Leu Phe Asn Thr Leu Phe Arg Gln Thr Leu Lys Ile Ile Pro  
 35 40 45  
 Asn Thr Glu Ala Pro Val Ala Thr Ile Tyr Phe Cys Val Val Ser Thr  
 50 55 60  
 Leu Val Ile Ile His Ala Thr Phe Thr Leu Gly Leu Leu Ala Lys Arg  
 65 70 75 80  
 Thr Pro Asn Ile Gln Ile Tyr Phe Ser Leu Thr Ser Gly Phe Thr Val  
 85 90 95

Arg Phe

&lt;210&gt; 11162

&lt;211&gt; 142

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11162

Val	Gln	Leu	Phe	Pro	Arg	Ser	Asp	Ser	Met	Lys	Ser	Leu	Pro	Phe	Phe
1									5	10					15
Phe	Ala	Val	Leu	Thr	Leu	Ser	Thr	Leu	Thr	Ala	Cys	Ser	Ser	Pro	Gln
									20	25					30
Pro	Asp	Asn	Val	Glu	Lys	Ile	Asn	His	Leu	Gln	Ile	Pro	Leu	Val	Leu
									35	40					45
Pro	Gly	Glu	Lys	Ser	Pro	Gln	Val	Gln	Ile	Ser	His	Ile	Ala	Ser	Leu
									50	55					60
Tyr	Gln	Glu	Asn	Lys	Gln	Gln	Ile	Glu	Thr	Leu	Thr	Arg	Ser	Val	Lys
									65	70		75			80
Ser	Gln	Tyr	Leu	Gln	Asp	Thr	Thr	Ala	Lys	Glu	Ile	Phe	Val	Ala	Asp
									85	90					95
Ser	Ala	Val	Gln	Arg	Val	Tyr	Ala	Ser	Leu	Thr	Lys	Leu	Glu	Gln	Leu
									100	105					110
Asp	Met	Val	Asn	Gln	Gln	Tyr	Leu	Lys	Asp	Asn	Asn	Val	Thr	Gly	Leu
									115	120					125
Gln	Asn	Ile	His	Ile	Val	Leu	Glu	Pro	Leu	Phe	Thr	Ser			
									130	135					140

&lt;210&gt; 11163

&lt;211&gt; 281

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11163

Asn	Asp	Gln	Thr	His	Phe	Gly	Lys	Glu	Ser	Leu	Met	Asp	Ile	Ala	Leu
1									5	10					15
Leu	Asn	Arg	Gly	Trp	Asn	Arg	Thr	Trp	Ser	Asp	Thr	Met	Val	Asn	Leu
									20	25					30
Glu	Ala	Arg	Lys	Leu	Val	Glu	Thr	Ala	Asn	Arg	Leu	Ser	Ala	Phe	Tyr
									35	40					45
Leu	Gln	Asp	Gly	Leu	Thr	Arg	Ile	Lys	Phe	Val	Glu	Glu	Ile	Lys	Gln
									50	55					60
Val	Ala	Asp	Lys	Glu	Phe	Glu	Thr	Ala	Arg	Arg	Ala	Lys	Thr	Asp	Glu
									65	70		75			80
Glu	Cys	Ile	Ala	Cys	Ile	Lys	Asn	Leu	Arg	Ala	Glu	Thr	Asp	Asn	Leu
									85	90					95
His	Glu	Gln	Glu	Arg	Leu	Leu	Arg	Thr	Arg	Ala	Ala	Gln	Leu	Tyr	Ala
									100	105					110
Lys	Val	Glu	Phe	Val	Lys	Glu	Asn	Asn	Lys	Ile	Val	Gly	Tyr	Val	Ile
									115	120					125
Ser	Ala	Val	Asn	Val	Val	Leu	Ser	Gly	Val	Val	Leu	Phe	Gly	Gly	Phe
									130	135					140
Met	Met	Leu	Ser	Thr	Met	Gly	Pro	Ile	Gly	Met	Leu	Ala	Gly	Ala	Val
									145	150		155			160
Leu	Ile	Ala	Asp	Gly	Met	Asn	Gly	Leu	Thr	Lys	Glu	Val	Leu	Asn	Phe
									165	170					175
Asp	Gln	Pro	Glu	Gly	His	Lys	Pro	Ser	Gln	Gly	Ile	Ile	Ala	Asp	Ser
									180	185					190
Ala	Met	His	Thr	Ala	Gln	Phe	Met	Gly	Phe	Asn	Pro	Asn	Thr	Gly	Leu
									195	200					205
Ala	Leu	Tyr	Asn	Gly	Val	Thr	Leu	Gly	Ala	Ser	Val	Tyr	Ser	Ile	Val

210	215	220
Gly Leu Ala Arg Lys Thr	Gly Ala Trp Arg	Leu Phe Arg Trp Leu Pro
225	230	235
His Asp Tyr Tyr Arg Lys Val Ser Thr Met Ser Thr Pro Lys Leu Thr		240
245	250	255
Met Lys Ile Val Gly Tyr Gly Val Lys Ala Lys Val Ile Phe Asp Leu		
260	265	270
Leu Thr Thr Glu Asn Gly Thr Ser		
275	280	

&lt;210&gt; 11164

&lt;211&gt; 124

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11164

Leu Leu Ala Gln Ser Ala Ile Gly Lys Thr	Leu Leu Gly Asp Lys Gly	
1	5	10
Arg Asp Asp Met Lys Val Thr Asp	Glu Ala Leu Leu Arg Ser Gly Phe	
20	25	30
Thr Gln Pro Glu Leu Gln Lys Ile Lys Ser Asn Ile	Glu Lys Tyr Gly	
35	40	45
Gly Thr Leu Gly Glu Ala Ile Asn Asp Leu Ala Arg Arg	Phe Val Thr	
50	55	60
Leu Ala Gly Val Val Ala Val Cys Ala Leu Ile	Leu Leu Leu Leu Ile	
65	70	75
Val Phe Ser Ser Pro Asp Arg Ala Val Ala	Trp Gly Leu Ala Met Ile	
85	90	95
Phe Gly Val Ala Ile Met Ser Phe Ala Gln Pro Pro Val	Ile Ser Tyr	
100	105	110
Lys Ser Trp Arg Tyr Arg Lys Thr Ile Lys Asp		
115	120	

&lt;210&gt; 11165

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11165

Val Ala His Phe Leu Tyr Pro Gly Tyr Pro Glu Ile Asn Pro Asn Asn		
1	5	10
Ser Arg Val Ser Met Ala Thr Gly Lys Arg Lys Asn Gln Lys Glu Ser		
20	25	30
Pro Glu Glu Glu Leu Asp Arg Leu Leu Asp Glu Leu Glu Leu Thr Glu		
35	40	45
Glu Gln Arg Glu Phe Ile Glu Ser Met Arg Glu Asp Lys Gly Asp Pro		
50	55	60
Ser Ser Glu		
65		

&lt;210&gt; 11166

&lt;211&gt; 73

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11166

Ser Val Lys Glu Thr Met Val Ser Phe Gly Asp Ala Ala Pro Val Arg		
1	5	10
Gly Leu Leu Gly Ser Leu Asn Asn Ser Phe Ala Ser Trp Ser Leu Glu		
20	25	30
Ala Ser Ser Asp Gly Ala Ala Lys Pro Asn Val Asp Asn Asp Ser Arg		

35	40	45
Ser Lys Ala Ile Lys Ala Leu Met	Leu Phe Ser Phe Cys Ile Gly Gln	
50	55	60
Gly Ala Gln His Arg Phe Ala Ala		
65	70	

&lt;210&gt; 11167

&lt;211&gt; 190

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11167

Val Leu Lys Ala Phe Ser Gln Arg Asn Gln Lys Phe Arg Gln Leu Ser			
1	5	10	15
Glu Thr Val Thr Thr Ala Met Glu Pro Lys Asn Glu Lys Val Pro Gly			
20	25	30	
Ile Lys Glu Ser Tyr Arg Leu Leu Thr Phe Glu Tyr Ala Phe Arg Gln			
35	40	45	
Val Gly Phe Ile Val Leu Leu Ala Ile Ile Val Ala Ala Ile Ala Gly			
50	55	60	
Leu Phe Ser Ser Gly Val Val Ser Asp Val Glu Lys Thr Asn Asp Ala			
65	70	75	80
Lys Ser Leu Ala Leu Ser Tyr Glu Arg Phe Gly Arg Arg Gln Thr Glu			
85	90	95	
Ser Arg Met Ala Leu Thr Phe Pro Val Thr Ser Glu Gly Lys Tyr Thr			
100	105	110	
Leu Ser Leu Thr Ser Glu Ser Ser Asp Ala Tyr Glu Pro Gly Ser Val			
115	120	125	
Trp Pro Gln Pro Asp Ser Met Tyr Ser Arg Gly Asn Thr Leu Phe Leu			
130	135	140	
Val Tyr Asp Arg Leu Gln Gln Thr Asp Lys Phe Thr Val Leu Leu Phe			
145	150	155	160
Ile Thr Pro Ser Lys Ala Gly Lys Trp Thr Asn Ser Ile Arg Val Asn			
165	170	175	
Asn Glu Pro Asp Ile Arg Phe Trp Gln Phe Ile Tyr Pro			
180	185	190	

&lt;210&gt; 11168

&lt;211&gt; 122

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11168

Lys Leu Pro Pro Glu Thr Pro Thr Ser Gly Gly Arg Leu Asn Arg Phe			
1	5	10	15
Gly Val Pro Thr Ile Trp Lys Ile Gly Ala Ser Lys Glu Ala Pro Val			
20	25	30	
Gln Ser Thr Ile Ile Glu Asp Thr Asp Tyr Thr Ala Ala Lys Lys Arg			
35	40	45	
Val Asn Glu Thr Asn Asp Val Ala Leu Ala Thr Ser Phe His Met Cys			
50	55	60	
Val Ile Arg Thr Pro Ile Pro Thr Pro Asp Phe Ala Gly Ala Pro Pro			
65	70	75	80
Phe Tyr Tyr Cys Glu Phe Ile Gln Gln Leu Thr Ser Lys Glu Ser Gly			
85	90	95	
Lys Arg Leu Ala Lys Phe Leu Cys Gly Leu Leu Pro Ser Pro Gln Pro			
100	105	110	
Ser Pro Thr Gly Arg Gly Arg Lys His			
115	120		

&lt;210&gt; 11169

<211> 211  
<212> PRT  
<213> Enterobacter cloacae

<220>  
<221>UNSURE  
<222>(27)

<400> 11169  
Cys Arg Pro Ser Ala Leu Arg Leu Ser Ala Ala Ile Gln Pro Gly Asn  
1               5               10               15  
Arg Ser Gly Phe Arg Thr Ala Ser Pro Ala Xaa Lys Asn Val Phe Gly  
20               25               30  
Lys Thr Ala Leu Trp Leu Val Gly Leu Cys Ala Met Leu Val Val Gly  
35               40               45  
Leu Tyr Met His Val Tyr Trp Asn Leu Arg His Pro Ala Pro Glu Pro  
50               55               60  
Ile Asn Ala Ser Val Ala Lys Pro Glu Thr Gln Leu Ser Glu Met His  
65               70               75               80  
Tyr Val Tyr Val Ser Lys Pro Phe Pro His Pro Gln Pro Lys Val Ala  
85               90               95  
Pro Val His Val Asp Val Pro Pro Met Gln Asp Leu Pro Ile Ser Ser  
100              105              110  
Asp Asp Ala Asp Trp Gln Gln Ala Pro Glu Gly Ala Val Pro His Asp  
115              120              125  
Thr Ser Arg Asp Thr Leu Pro Gly Thr Glu Ala His Glu His Asp Ile  
130              135              140  
Ala Pro Ala Ser Thr Ser Ser Glu Glu Ser Ser Leu Thr Glu Leu Phe  
145              150              155              160  
Lys Gln Ala Leu Lys Glu Gln Glu Gln Asp Tyr Ser Gln Gly Lys Ile  
165              170              175  
Pro Ala Pro Pro Val Asp Glu Thr Gln Asp Asn Ser Gln Ala Ser Val  
180              185              190  
Lys Asn Ser Gly Asn Ser Arg Ser Pro Leu Ser Glu Lys Gly Glu Arg  
195              200              205  
Arg Glu  
210

<210> 11170  
<211> 62  
<212> PRT  
<213> Enterobacter cloacae

<400> 11170  
Arg Pro Asp Val Tyr Pro Val Val Ser Pro Leu Arg Met Arg Phe Pro  
1               5               10               15  
Phe Gly Cys Thr Val Thr Leu Gly Gln Tyr Ala Glu Thr Val Leu Leu  
20              25              30  
Arg Phe Lys Arg Ala Ile Leu Tyr Leu Ile Glu Glu Phe Arg His Tyr  
35              40              45  
Leu Ala Gly Ser Lys Leu Gly Ser Asp Thr Pro Glu Asp  
50              55              60

<210> 11171  
<211> 159  
<212> PRT  
<213> Enterobacter cloacae

<400> 11171  
Phe Ser Ala Phe Asn Met Glu Ile Met Asn Met Glu Asn Gln Ser Ile  
1               5               10               15

Ser Gln Leu Tyr Ser Glu Leu Ser Leu Asn Pro Asp Leu Pro Thr Leu  
 20 25 30  
 Ala Glu Arg Cys Lys Leu Leu Thr Glu Ile Leu Leu Asp Cys Lys Ser  
 35 40 45  
 Leu Pro Gln Thr Gln Pro Val Cys Arg Cys Phe Gly Ala Tyr Met Glu  
 50 55 60  
 Glu Val Lys Ser Gly Leu Thr Glu Ser Met Arg Asp Phe Gln Val Val  
 65 70 75 80  
 Glu Phe Glu Asp Asp Ala Glu Gln Pro Arg Gln Lys Glu Trp Leu Leu  
 85 90 95  
 Glu Asp Thr Glu Thr Lys Cys Asp Tyr Cys Arg Ala Leu Asn His Val  
 100 105 110  
 Leu Leu Val Ser His Val Asp Arg Asp Met Leu Pro His Leu Thr Gly  
 115 120 125  
 Leu Leu His Asp Ile Thr His Ala Met Ala Glu Asp Leu Ile Val Pro  
 130 135 140  
 Met Asn Pro Cys Met Thr Ile His Leu Pro Thr Gln Pro His  
 145 150 155

&lt;210&gt; 11172

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11172

Glu Arg Cys Ser Phe Phe Arg Leu Val Ser Ile Leu Asn Leu Tyr Ala  
 1 5 10 15  
 Ile Glu Met Ile Lys Tyr Tyr Phe Asn His Lys Lys Lys Arg Ile Thr  
 20 25 30  
 His Gln Val Thr Arg Ser Met Asn Thr Val Leu Cys Ile Cys Val Val  
 35 40 45  
 Asn Ser Cys Ala Gln Thr Leu Thr Pro Tyr Ala Arg  
 50 55 60

&lt;210&gt; 11173

&lt;211&gt; 64

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11173

Ser His Leu Leu Lys Leu Tyr Phe Arg Tyr Met Phe Lys Val Met Pro  
 1 5 10 15  
 Val Pro Gln Gln Arg Lys Val Leu Ser Tyr Thr Lys Trp Arg Val Ile  
 20 25 30  
 Asp Leu Ala Gln Phe Trp Arg Gln Val His Tyr Arg Gln Ser Ser Ile  
 35 40 45  
 Arg Leu Arg Arg Thr Pro Ser Glu Trp Val Pro Ala Gly Ser Glu  
 50 55 60

&lt;210&gt; 11174

&lt;211&gt; 775

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11174

Leu Met Gln Asn Ala Ser Ala Leu Pro His Arg Asn Ala Leu Arg Pro  
 1 5 10 15  
 Ala Leu Leu Trp Ala Ala Val Cys Leu Ile Leu Leu Gly Val Leu Leu  
 20 25 30  
 Ser Leu Leu Pro Gly Ala Arg Leu Asn Ser Ser Val Leu Ala Met Leu  
 35 40 45

Pro Lys Gln Thr Leu Gly Ala Ile Pro Pro Ala Leu Asn Asp Gly Phe  
 50 55 60  
 Met Gln Arg Leu Asp Arg Gln Leu Ile Trp Leu Val Ser Pro Gly Lys  
 65 70 75 80  
 Gln Pro Asp Pro Arg Val Ala Gln Gln Trp Leu Thr Leu Leu Gln Arg  
 85 90 95  
 Ser Gln Ala Leu Ser Val Val Lys Gly Pro Leu Asp Ala Ala Gly Gln  
 100 105 110  
 Gln Ala Trp Gly Asp Phe Phe Trp Gln His Arg Asn Gly Leu Val Asp  
 115 120 125  
 Pro Ala Thr Arg Ala Arg Leu Gln Asn Gly Gly Glu Ala Gln Ala Gln  
 130 135 140  
 Trp Ile Leu Ser Gln Leu Tyr Ser Ala Phe Ser Gly Val Ser Gly Lys  
 145 150 155 160  
 Glu Leu Gln Asn Asp Pro Leu Met Leu Met Arg Gly Ala Gln Leu Ala  
 165 170 175  
 Leu Ala Lys Asn Ser Gln Lys Met Gln Leu Met Asp Asp Trp Leu Val  
 180 185 190  
 Thr Lys Asp Ala Ala Gly Asn Tyr Trp Tyr Leu Leu His Gly Glu Leu  
 195 200 205  
 Ala Gly Ser Ser Phe Asp Met Gln Gln Thr His Gln Leu Val Thr Thr  
 210 215 220  
 Leu Asn Ala Leu Gln Gln Thr Leu Lys Ser Gln Tyr Pro Gln Ala Gln  
 225 230 235 240  
 Leu Leu Ser Arg Gly Thr Val Phe Tyr Ser Asp Tyr Ala Ser Gln Gln  
 245 250 255  
 Ala Lys Asn Asp Ile Ser Thr Leu Gly Val Ala Thr Val Leu Gly Val  
 260 265 270  
 Ile Leu Leu Ile Val Ser Val Phe Arg Ser Val Arg Pro Leu Leu Leu  
 275 280 285  
 Ser Leu Leu Ser Ile Ala Ile Gly Ala Leu Ala Gly Thr Val Val Thr  
 290 295 300  
 Leu Leu Leu Phe Gly Glu Leu His Leu Met Thr Leu Val Met Ser Met  
 305 310 315 320  
 Ser Ile Ile Gly Ile Ser Ala Asp Tyr Thr Ile Tyr Tyr Leu Thr Glu  
 325 330 335  
 Arg Met Val His Gly Ala Glu His Ser Pro Trp Gln Ser Leu Ala Lys  
 340 345 350  
 Val Arg Asn Ala Leu Leu Leu Ala Leu Leu Thr Thr Val Val Ala Tyr  
 355 360 365  
 Leu Phe Met Met Leu Ala Pro Phe Pro Gly Ile Arg Gln Met Ala Val  
 370 375 380  
 Phe Ala Ala Ala Gly Leu Ser Ala Ser Cys Leu Thr Val Met Phe Trp  
 385 390 395 400  
 His Pro Trp Leu Cys Arg Gly Met Pro Val Arg Pro Val Pro Leu Arg  
 405 410 415  
 Arg Ile Met Gln Arg Trp Leu Asp Ala Trp Arg Asp Gly Lys Ala Leu  
 420 425 430  
 Ser Val Gly Leu Pro Val Ala Leu Ala Leu Leu Ser Ala Ile Gly Ile  
 435 440 445  
 Ala Ser Leu Arg Val Asp Asp Asp Ile Ala Arg Leu Gln Ala Leu Pro  
 450 455 460  
 Gln Asp Ile Leu Ala Gln Glu Lys Thr Ile Thr Ala Leu Thr Gly Gln  
 465 470 475 480  
 Asn Val Asp Gln Lys Trp Phe Val Val Tyr Gly Ala Ser Ala Gln Gln  
 485 490 495  
 Thr Leu Glu Arg Leu Glu Ala Phe Thr Pro Ala Leu Ala Gln Ala Gln  
 500 505 510  
 Lys Ala Gly Glu Leu Thr Arg Trp Arg Thr Leu Pro Leu Asn Ser Leu  
 515 520 525  
 Ala Arg Gln Asn Ser Asp Leu His Leu Arg Asn Ala Ala Pro Thr

530	535	540
Val Val Lys Met Leu Gln Ser Thr Gly Leu Asn Ala Val Pro Pro Asn		
545	550	555
Leu Asn Ala Met Pro Val Ser Val Glu Ala Trp Leu Ala Ser Pro Ala		560
565	570	575
Ser Glu Gly Trp Arg Leu Leu Trp Leu Thr Leu Pro Asp Gly Lys Ser		
580	585	590
Gly Val Leu Val Pro Val Asp Gly Val Arg Asn Ser Ala Ala Leu Gly		
595	600	605
Glu Leu Ala Thr Arg His Pro Gly Val Val Trp Val Asp Arg Lys Ala		
610	615	620
Ser Phe Asp Ser Leu Phe Ala Leu Tyr Arg Ser Leu Leu Ser Gly Leu		
625	630	635
Leu Gly Val Ala Leu Ala Val Ile Ala Cys Gly Ala Met Leu Arg Leu		640
645	650	655
Gly Trp Arg Lys Gly Leu Val Ala Leu Val Pro Ser Val Leu Ser Leu		
660	665	670
Gly Gly Leu Ala Ala Leu Ala Val Thr Gly His Pro Val Asn Leu		
675	680	685
Phe Ser Leu Leu Ala Leu Val Leu Val Leu Gly Ile Gly Ile Asn Tyr		
690	695	700
Thr Leu Phe Phe Ser Asn Pro Arg Gly Thr Pro Leu Thr Ser Met Leu		
705	710	715
Ala Ile Thr Leu Ala Met Met Thr Thr Leu Leu Thr Leu Gly Met Leu		720
725	730	735
Val Phe Ser Thr Thr Gln Ala Ile Ser Ser Phe Gly Ile Val Leu Val		
740	745	750
Ser Gly Ile Phe Thr Ala Phe Leu Leu Ala Pro Leu Ala Met Pro Ser		
755	760	765
Asn Lys Glu Asn Leu Pro		
770	775	

&lt;210&gt; 11175

&lt;211&gt; 104

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11175

Pro Gly His Arg Arg Arg Ser Ala Ala Phe Arg His Ser Ala Cys Tyr		
1	5	10
Gly Arg Phe Tyr Ala Pro Ser Leu Pro Ala Pro Gly Asn Gly Gly Pro		15
20	25	30
Glu His Gln Ala Cys Gly Leu Gly Trp Lys Thr Gly Arg Ser Phe Ser		
35	40	45
Ser Arg Ser Gly Lys Asn Gly Cys Ser Leu Arg Pro Ala Ile Ala Asn		
50	55	60
Ala Asn Gln Val Asn Asp Cys Val Lys Ile Ser His Cys Lys Val Ser		
65	70	75
Ser Lys Gln Tyr His Ala Ala Ala Leu Leu Gly Ser Leu Thr Pro Asn		80
85	90	95
Ile Asn Gln Lys Gly Thr Ile		
100		

&lt;210&gt; 11176

&lt;211&gt; 125

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11176

Leu Arg Ser Tyr Arg Ser Cys Phe Met Lys Ile Pro Glu Ile Gly Arg		
1	5	10
		15

Leu Gln Pro Asp Pro Gln His Leu Glu Ile Thr Phe Tyr Leu Asp Pro  
     20                       25                       30  
 Asp Leu Leu Trp Phe Lys Gly His Phe Ala Val Gln Pro Leu Leu Pro  
     35                       40                       45  
 Gly Val Ala Gln Leu Asp Trp Val Met His Tyr Ala Ala Ala Leu Ala  
     50                       55                       60  
 Pro Gly Tyr Arg Phe His Ser Ile Gln Asn Val Lys Phe Ala Ala Pro  
     65                       70                       75                       80  
 Leu Leu Pro Glu Asn Thr Val Thr Leu Leu Ala Trp Gln Pro Glu  
     85                       90                       95  
 Arg Glu Met Leu Thr Phe Ser Tyr Gln Arg His Ala Gly Asn Glu Arg  
     100                       105                       110  
 His Thr Ala Ser Ser Gly Lys Ile Arg Leu Cys Gln  
     115                       120                       125

&lt;210&gt; 11177

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11177

Ser Cys Lys Val Leu Lys Lys His Ile Gln Asn Met Met Leu Ser Val  
   1                       5                       10                       15  
 Tyr His Thr Leu Phe Gln His Tyr Thr Leu Met Phe Leu Gln Glu Leu  
   20                       25                       30  
 Gln Phe Thr Gly Gly Lys Arg Cys Phe Cys Ser Tyr Leu Ala Leu Arg  
   35                       40                       45  
 Asp Ser Val Gly Gln Ile Leu Pro Pro Leu Gln Ser  
   50                       55                       60

&lt;210&gt; 11178

&lt;211&gt; 241

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11178

Met Lys Phe Thr Leu Thr Ile Asp Trp Gln Ala Arg Ala Pro Gly  
   1                       5                       10                       15  
 Leu Ser Asp Ala Asp Glu Trp Gln Ala Trp Ser Arg Arg Ser Asp Ala  
   20                       25                       30  
 Ile Asp Pro Ala Ala Pro Leu Ala Lys Leu Thr Asp Leu Pro Met Met  
   35                       40                       45  
 Thr Ala Arg Arg Leu Asn Ser Gly Ser Arg Leu Ala Val Asp Leu Gly  
   50                       55                       60  
 Leu Met Met Leu Arg Lys His Arg Ile Asp Ala Val Val Tyr Ser Ser  
   65                       70                       75                       80  
 Arg His Gly Glu Leu Glu Arg Asn Phe Arg Ile Leu Gln Ala Leu Ala  
   85                       90                       95  
 Ala Glu Gln Pro Val Ser Pro Thr Asp Phe Ala Met Ser Val His Asn  
   100                       105                       110  
 Ser Ala Val Gly Asn Leu Thr Ile Ala Ala Arg Gln Pro Val Val Ser  
   115                       120                       125  
 Ser Ser Val Ser Ala Gly Met Asp Thr Phe Gln Gln Ser Leu Cys Asp  
   130                       135                       140  
 Val Leu Ser Leu Leu His Ala Gly Tyr Ser Arg Val Leu Leu Val Asp  
   145                       150                       155                       160  
 Phe Asp Gly Leu Leu Pro Asp Phe Tyr His Ala Gly Leu Pro Pro Gln  
   165                       170                       175  
 Met Pro Val Trp Pro Tyr Ala Leu Ala Leu Val Ile Glu Ala Gly Asn  
   180                       185                       190  
 Thr Leu Ser Cys Glu Thr His Val Asn Arg Thr Pro Glu Glu Pro Ala

195	200	205
Leu Pro Gln Ser Leu Gln Phe	Leu Arg His Tyr	Leu Arg Asp Glu Arg
210	215	220
Gln Phe Thr Leu Pro Gly	Glu Arg Leu Leu Trp	Gln Trp Thr Arg Gln
225	230	235
		240

&lt;210&gt; 11179

&lt;211&gt; 273

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11179

Gln Asn Asn Lys Arg Phe Ile Arg Lys Ser Leu Arg Phe Leu Leu Arg			
1	5	10	15
Cys Leu Lys Ser Pro Arg Arg Ile Leu Pro Leu Arg His Val Phe Thr			
20	25	30	
Arg Ile Trp Thr Ser Thr Ala Leu Met Pro Ser Ile Trp Trp Cys Thr			
35	40	45	
Cys Lys Arg Lys Arg Ala Ile Lys Ser Ser Leu Lys Pro Ser Lys Arg			
50	55	60	
Cys Ala Arg Cys Arg Thr Ser Trp Thr Leu Trp Asn Ser Phe Ser Ala			
65	70	75	80
Thr Arg Asn Val Arg Ser Ile Arg Val Leu Pro Ala Leu Thr Gly Leu			
85	90	95	
Met Leu Leu Ala Trp Pro Phe Leu Ile Gly Phe Gly Leu Ala Asn Asn			
100	105	110	
Ser Leu His Gly Ile Leu Pro Val Met Ala Leu Val Leu Leu Met Arg			
115	120	125	
Val Cys Gln Ala Arg Arg Gln Gly Gly Pro Leu Arg Tyr Leu Phe Val			
130	135	140	
Ser Val Ala Leu Ala Gly Ile Ala Leu Cys Ala Ala Ser Tyr Val Leu			
145	150	155	160
His Ala His Gln Trp Val Leu Leu Tyr Pro Val Val Val Asn Leu Val			
165	170	175	
Met Leu Val Val Phe Gly Gly Ser Leu Trp Thr Ala Met Pro Val Val			
180	185	190	
Glu Arg Leu Ala Arg Leu Arg Glu Pro Asp Leu Ser Pro Val Gly Val			
195	200	205	
Arg Tyr Thr Arg Arg Val Thr Gln Val Trp Cys Gly Phe Phe Ile Ile			
210	215	220	
Asn Gly Ala Ile Ala Leu Phe Thr Val Leu His Ala Asp Ile Arg Leu			
225	230	235	240
Trp Thr Leu Trp Asn Gly Met Ile Ala Tyr Leu Leu Met Gly Thr Leu			
245	250	255	
Met Ala Gly Glu Trp Leu Val Arg Gln Arg Val Lys Lys Asn Asp Ala			
260	265	270	

&lt;210&gt; 11180

&lt;211&gt; 253

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11180

Lys Pro Ser Ala His Arg Leu Ser Asn Leu Arg Arg Ala Asn Arg Glu			
1	5	10	15
Thr His His His Arg Leu His His Ser Gly Gly Gly Gly Arg Ser Lys			
20	25	30	

Pro Gly Asp Val Leu Cys Gln Pro Gly His Ser Val Arg Thr His Gly  
     35                        40                        45  
 Asp Arg Ala Met Lys Trp Ile Thr Leu Leu Ala Leu Leu Val Ser Pro  
     50                        55                        60  
 Leu Val Asn Ala Val Thr Leu Asp Glu Leu Gln Gln Arg Phe Ala Glu  
     65                        70                        75                        80  
 Gln Pro Val Val Arg Ala His Phe Glu Gln Ile Arg Thr Ile Lys Asp  
     85                        90                        95  
 Met Pro Gln Pro Leu Arg Ser Gln Gly Glu Met Leu Ile Ala Arg Asp  
     100                       105                       110  
 Asn Gly Leu Leu Trp Asp Gln Lys Ala Pro Phe Pro Met Thr Leu Leu  
     115                       120                       125  
 Leu Asp Asp Lys Arg Met Val Gln Ile Val Asn Gly Gln Ser Pro Gln  
     130                       135                       140  
 Thr Ile Thr Ala Asp Thr Asn Pro Gln Met Phe Gln Phe Asn His Leu  
     145                       150                       155                       160  
 Leu Arg Ala Leu Phe Gln Ala Asp Arg Lys Val Leu Glu Glu Asn Phe  
     165                       170                       175  
 Arg Ile Asp Phe Lys Asp Leu Gly Glu Gly Arg Trp Ser Leu Val Leu  
     180                       185                       190  
 Thr Pro Val Thr Thr Pro Leu Asp Lys Ile Phe Ser Thr Leu Asp Leu  
     195                       200                       205  
 Lys Gly Ala Ile Tyr Leu Glu Ser Ile Arg Leu Asn Asp Lys Gln Gly  
     210                       215                       220  
 Asp Thr Thr Asp Ile Ala Leu Ser Arg His Gln Leu Thr Pro Ala Arg  
     225                       230                       235                       240  
 Leu Thr Asp Ala Glu Arg Gln Arg Phe Ala Ala Pro  
     245                       250

&lt;210&gt; 11181

&lt;211&gt; 198

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11181

Gln Arg Glu Leu Thr Met Thr Arg Phe Ile Arg Leu Ala Ala Val Met  
     1                        5                        10                        15  
 Met Ala Leu Leu Leu Ala Gly Cys Ser His Thr Thr Asn Arg Asp Asp  
     20                       25                       30  
 Ala Arg Pro Gln Ala Trp Leu Gln Pro Gly Thr Arg Val Thr Leu Pro  
     35                       40                       45  
 Pro Pro Gly Ile Thr Pro Ala Ile Arg Ala Gln Gln Leu Leu Thr Gly  
     50                       55                       60  
 Ser Phe Lys Gly Gln Thr Gln Ser Leu Leu Val Met Leu Asn Ala Asp  
     65                       70                       75                       80  
 Gly Asn Lys Val Thr Leu Ala Gly Leu Ser Tyr Val Gly Ile Arg Leu  
     85                       90                       95  
 Phe Leu Ala Thr Tyr Asp Asp Thr Gly Ile His Ile Glu Gln Ser Val  
     100                      105                       110  
 Val Met Pro Gln Leu Pro Pro Ala Ser Gln Val Leu Ala Asp Val Met  
     115                      120                       125  
 Leu Ser His Trp Pro Leu Ser Ala Trp Gln Pro Gln Leu Pro Lys Gly  
     130                      135                       140  
 Trp Thr Leu Asn Asp Thr Asp Thr Arg Arg Glu Leu Arg Asn Pro Asp  
     145                      150                       155                       160  
 Gly Lys Leu Val Thr Glu Ile Val Tyr Leu Asn Arg Asn Gly Arg Arg  
     165                      170                       175  
 Glu Pro Ile Ser Ile Val Gln His Ala Phe His Tyr His Ile Thr Ile  
     180                      185                       190  
 Gln Tyr Leu Gly Asp  
     195

<210> 11182  
<211> 224  
<212> PRT  
<213> Enterobacter cloacae

<400> 11182  
 Asp Val Phe Met Thr Asn Met Ile Ala Asp Glu Ala Val Ala Lys Ser  
 1 5 10 15  
 Ser Val Leu Ser Val Phe Asp Phe Asp Gly Thr Leu Thr His His Asp  
 20 25 30  
 Ser Phe Ile Pro Phe Leu Arg Phe Ala Phe Gly Lys Arg Tyr Phe Ala  
 35 40 45  
 Gly Arg Leu Val Arg Met Ala Leu Pro Thr Leu His Cys Val Arg Arg  
 50 55 60  
 Lys Leu Thr Arg Asp Glu Leu Lys Glu Val Leu Ile Lys Thr Phe Leu  
 65 70 75 80  
 Thr Gly Val Asp Glu His Trp Leu Arg Gln Gln Ala Glu Ala Phe Cys  
 85 90 95  
 Glu Lys Tyr Trp Asn Lys Leu Met Arg Pro Glu Gly Val Leu Ala Val  
 100 105 110  
 Ala Asn Glu Val Asn Ser Gly Ala Glu Val Thr Ile Cys Ser Ala Ser  
 115 120 125  
 Pro Ala Leu Val Leu Gln Pro Trp Ala Asp Lys Leu Gly Ile Lys Leu  
 130 135 140  
 Ile Gly Thr Gln Leu Glu Val Lys Asp Gly Lys Leu Thr Gly Arg Ile  
 145 150 155 160  
 Thr Gly His Asn Cys Arg Cys Ala Gln Lys Val Ala Arg Leu Glu Lys  
 165 170 175  
 Val Tyr Gly Asp Leu Asn Ala Tyr His Leu Arg Ala Trp Gly Asp Thr  
 180 185 190  
 Arg Gly Asp His Glu Leu Leu Ala Ala Ala Gln Asp Pro His Trp Arg  
 195 200 205  
 His Phe His His Pro Ser Lys Arg Arg Asn Ser Pro Ile Lys Gly  
 210 215 220

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<210> 11183
<211> 239
<212> PRT
<213> Enterobacter cloacae
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<220>  
<221>UNSURE  
<222>(174)

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<400> 11183
Asn Lys Arg Ile Ala Ile Met Tyr Gly Asn Asn Glu Ile Val Ser Tyr
1 5 10 15
Leu Gln Ala Asn Lys Ile Leu Ala Leu Lys Leu Asp His Ala Val Thr
20 25 30
Ala Val Gly Gln Asn Val Lys Thr Gln Val Asn Met Ile Gly Lys Gly
35 40 45
Ala Thr Arg Leu Leu Tyr Tyr Ala Ser Cys Phe Thr Asp Glu Tyr Asn
50 55 60
Asp Val Cys Leu Arg Gln Lys Ser Glu Asp Leu Arg Phe Arg Asp Ala
65 70 75 80
Val Tyr Lys Leu Val Ser Gly Val Asp Val Val Tyr Glu Met Leu Arg
85 90 95
Leu Tyr Phe Glu Glu Val Phe Lys Tyr Lys Asn Pro Lys Gln Leu Glu
100 105 110
Tyr Ile Lys Gln Arg Leu Met Ala Val Asn Val His Ile Ala Ala Val

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115	120	125
Ser Leu Thr Gly Ala Gly Phe Thr Leu Ala Val Ala Ala Cys Val Arg		
130	135	140
Leu Gly Leu Asn Ile Ser Leu Glu Leu Ser Ala Ile Thr Gly Arg Trp		
145	150	155
Ala Ser Arg Gly Ile Ala Phe Ile Gly Leu Tyr Gly Val Xaa Gln Gln		160
165	170	175
Ala Ala Asp Ser Ala His Arg Leu Tyr Val Glu Phe Pro Ala Trp Tyr		
180	185	190
Ser Ala Leu Tyr Ala Gln Gly Leu Glu Met Leu Tyr Phe Leu Ile Glu		
195	200	205
Pro Val Phe Arg Trp Thr Asp Ala Thr Arg Ala Leu Trp Ala Ser Asp		
210	215	220
Asp Asp Ile Ala Asp Ile Ile Thr Arg Leu Ile Arg Leu Gln		
225	230	235

&lt;210&gt; 11184

&lt;211&gt; 244

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11184

Gly Cys Glu Met Asn Lys Thr Trp Thr Arg Ile Val Ile Val Val Ile		
1	5	10
Ala Ala Ala Ala Val Ala Phe Trp Val Phe Phe Asp Arg Gln Arg Ala		15
20	25	30
Pro Glu Arg Gln Met Asp Asn Ala Leu Asn Ala Met Pro Ala Trp Gln		
35	40	45
Val Ile Lys Glu Gln Glu Pro Ala Leu His Gln Arg Ile Leu Asp Gln		
50	55	60
Met Ala Ala Leu Gln Lys Ala Gly Glu Pro Glu Gln Gln Ile Ile Asp		
65	70	75
Thr Ile Gln Pro Gln Ile Leu His Leu Gln Met Ser Arg Leu Gln Asn		80
85	90	95
Ala Pro Asp Ala Asn Val Val Asn Tyr Met Thr Ile Asn Met Glu Gln		
100	105	110
Thr Ala Ala Ile Gln Lys Val Ser Asp Asp Ala Cys Phe Arg Phe Leu		
115	120	125
Tyr Pro Met Val Lys Gly Gly Ile Asn Pro Met Arg Met Leu Asp Lys		
130	135	140
Asp Leu Met Thr Arg Arg Met Gln Ala Asp Ala Asp Met Met Arg Ala		
145	150	155
Ala Tyr Gly Lys Asn Arg His Thr Val Thr Pro Ala Glu Arg Glu Ala		160
165	170	175
Ala Val Glu Asp Val Arg Pro Ile Met Lys Gln Leu Ala Asp Lys Tyr		
180	185	190
Gly Glu Asp Ile Gln Leu Leu Gln Met Pro Glu Lys Ala Val Gly Lys		
195	200	205
Glu Lys Leu Ser Cys Asp Met Val Gln Glu Met Trp Ala Lys Val Leu		
210	215	220
Ala Leu Pro Glu Gln Lys Ala Ala Arg Val Ile Arg Leu Ala Val Ser		
225	230	235
Glu Leu Asp		240

&lt;210&gt; 11185

&lt;211&gt; 79

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11185

Ala Arg Leu Ala Gly Asp Ser Ile Tyr Pro Cys Ala Ser Ala Glu Asp  
 1 5 10 15  
 Ala Thr Val Asn Val Val Thr Ala Ser Ala Ile Leu Glu Ser Phe Ile  
 20 25 30  
 His His Pro Leu Ile Arg Ile Glu Gln Gly Ser Val Ser Leu Leu Met  
 35 40 45  
 Glu Trp Arg Met Arg His Phe Pro Glu Arg Val Lys Met Val Glu Ile  
 50 55 60  
 Lys Lys Gly Ser Gln Ser Cys Leu Leu Phe Leu Glu Ile Asn  
 65 70 75

&lt;210&gt; 11186

&lt;211&gt; 373

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11186

Thr Lys Glu Arg Thr Met Pro Val His His Ala Ile Trp Arg Ile Gly  
 1 5 10 15  
 Glu His Pro Gln Pro Leu Thr Ile Ser Lys Leu Ala Ser Glu Gln Leu  
 20 25 30  
 Leu Glu Lys Met Ile Leu Asn Asp Pro Thr Ile Leu Ser Asp Gln Trp  
 35 40 45  
 Met Ile Ile Gly His Gln Glu Asn Thr Leu Asp Lys Gly Arg Ile Asp  
 50 55 60  
 Leu Leu Ala Ile Ala Pro Asp Ala Ser Leu Ile Leu Ile Glu Leu Lys  
 65 70 75 80  
 Arg Asp Arg Thr Pro Arg Glu Val Val Ala Gln Ala Leu Asp Tyr Ala  
 85 90 95  
 Ser Trp Val Asp Asp Leu Thr Ala Asp Arg Leu Ser Gln Ile Tyr Glu  
 100 105 110  
 Lys Phe Ser Gly Gly Asn Leu Gly Ser Ala Phe Lys Gln Arg Phe  
 115 120 125  
 Asn Thr Glu Leu Glu Glu Ser Leu Asn Gln Ser His Gln Ile Ile  
 130 135 140  
 Ile Val Ala Ala Glu Leu Asp Pro Ser Thr Glu Arg Ile Val Asp Tyr  
 145 150 155 160  
 Leu Ser Lys Asn Gly Ile Ser Ile Asn Val Leu Phe Phe Lys Val Phe  
 165 170 175  
 Gln His Gly Asp Glu Gln Phe Leu Ser Arg Ala Trp Leu Ile Asp Pro  
 180 185 190  
 Ser Glu Thr Gln Thr Asn Ala Ala Gln Ala Thr Ala Gly Thr Ser Ala  
 195 200 205  
 Asn Ala Lys Glu Pro Trp Asn Gly Glu Phe Tyr Val Ser Phe Gly Asp  
 210 215 220  
 Pro Gln Ser Arg Val Trp Glu Glu Ala Arg Arg Tyr Gly Phe Ile Ser  
 225 230 235 240  
 Ala Gly Gly Ser Trp Tyr Ser Gln Thr Leu Lys Gln Leu Gln Pro  
 245 250 255  
 Gly Asp Arg Val Trp Val Lys Ile Pro Ala Thr Gly Tyr Val Gly Val  
 260 265 270  
 Gly Ile Val Gln Ser Ala Val Glu Pro Ala Ser Ser Phe Thr Ile Lys  
 275 280 285  
 Thr Glu His Gly Glu Met Pro Ala Ile Asp Val Leu Lys Tyr Ser Asp  
 290 295 300  
 Leu Tyr Arg Gln Asn Ala Asp Asp Pro Asp Lys Ser Glu Tyr Phe Val  
 305 310 315 320  
 Pro Val Lys Trp Leu Glu Thr Arg Ser Glu Leu Glu Ala Val Asn Glu  
 325 330 335  
 Val Gly Phe Phe Gly Asn Gln Asn Thr Val Cys Lys Pro Thr Thr Pro  
 340 345 350

Lys Trp Arg Phe Thr Val Glu Lys Leu Lys Arg Tyr Phe Thr Gln Trp  
 355 360 365  
 Asp Thr Glu Lys  
 370

<210> 11187

<211> 94

<212> PRT

<213> Enterobacter cloacae

<400> 11187

Val Asp Leu Met Thr Leu Thr Asn Arg Thr Lys Thr Ile Leu Arg Trp  
 1 5 10 15  
 Gly Gly Ile Cys Ile Val Ser Val Gly Tyr Phe Leu Gly Leu Phe Val  
 20 25 30  
 Ala Ser Gln Ala Phe Ala Val Phe Ser Glu Asn Gln Thr Leu Val Ser  
 35 40 45  
 Asn Pro Val Pro Leu Arg Glu Tyr Tyr Gln Ala Val Asp Ser Leu Gly  
 50 55 60  
 Gln Ala Thr Ser Gly Val Phe Asp Ala Ala Ile Tyr Gly Phe Val Ile  
 65 70 75 80  
 Ser Val Pro Leu Ile Leu Leu Ile Phe Lys Lys Val Arg  
 85 90

<210> 11188

<211> 70

<212> PRT

<213> Enterobacter cloacae

<400> 11188

Phe Arg Val Cys His Gly Ser Ile Leu Phe Lys Val Arg Gln Ile Leu  
 1 5 10 15  
 Leu Phe Ser His Thr Asp Gly Phe Ala Ser Thr Phe Val Gly Lys Ile  
 20 25 30  
 Cys Glu Thr Gly Leu Gln Met Asn Asn Tyr Thr Tyr Lys Val Asn Phe  
 35 40 45  
 Asn Ser Ile Ser Gly Ile Arg His Val Arg Ile Lys Cys Leu Ile Cys  
 50 55 60  
 Thr Arg Asn Thr Phe  
 65 70

<210> 11189

<211> 152

<212> PRT

<213> Enterobacter cloacae

<400> 11189

Pro Tyr Thr Gly Ile Ile Lys Met Asn Lys Leu Ile Phe Leu Val Leu  
 1 5 10 15  
 Phe Ser Thr Ala Ala Leu Gly Ala Glu Asp Phe Gln Ile Pro Met Gln  
 20 25 30  
 Arg Ala Leu Glu Phe Asn Arg Trp Tyr Val Lys Gln Val Asn Asn Asp  
 35 40 45  
 Arg Tyr Pro Ile Gln Gln Gly Asn Glu Ile Asp Glu Phe Val Thr Ala  
 50 55 60  
 Ser Thr Met Lys Lys Leu Arg His Ala Asp Asp Pro Arg Tyr Ala Asp  
 65 70 75 80  
 Ala Glu Phe Tyr Glu Ala Asp Phe Phe Met Lys Ser Gln Tyr Ile Gly  
 85 90 95  
 Glu Asp Trp Ala Glu Asn Val Ala Ile Asp Ser Tyr Asp Ser Asp Pro  
 100 105 110

Val Cys Val Asn Val Asn Ile Thr Phe Gly Lys Lys Thr Gln His Thr  
 115 120 125  
 Val Ile Asp Cys Met Phe Lys Glu Asp Gly Val Trp Lys Ile Gln Ser  
 130 135 140  
 Val Ala Ala Arg Asp Asn Asn  
 145 150

<210> 11190  
<211> 86  
<212> PRT  
<213> Enterobacter cloacae

<400> 11190  
 Ser Ala Pro Arg Trp Cys Ile Ser Lys Leu Ile Ile Tyr Ser Glu Arg  
 1 5 10 15  
 Ile Asn Ile His Lys Glu Pro Phe Ala Leu Ser Lys Ala Cys Ile Lys  
 20 25 30  
 Ser Leu Asp Pro Lys Ser Glu Leu Arg Ile Met Pro Asp Asn Leu Pro  
 35 40 45  
 Gly Gly Ser Met Val Lys Arg Val Arg His Asn Val Leu Pro Arg Leu  
 50 55 60  
 Lys Ser Asp Ala Gly Leu Pro Phe Phe Pro Leu Leu Asn Leu Phe  
 65 70 75 80  
 Pro Glu Pro Leu Ile  
 85

<210> 11191  
<211> 166  
<212> PRT  
<213> Enterobacter cloacae

<400> 11191  
 Pro His Gln Leu Phe Leu Lys Gln Val Glu Gly Pro Met Lys Gln Tyr  
 1 5 10 15  
 Thr Asn Lys Leu Thr Pro Glu Met Leu Ala Ala Phe Asp Glu Ser Pro  
 20 25 30  
 Phe Thr Ala Glu Gln Leu Ala Gly Met Asn Asp Glu Ala Ser Ser Leu  
 35 40 45  
 Ile Glu Lys Gln Asn Ala Tyr Asn Leu Ala His Pro Val Thr Ala Ala  
 50 55 60  
 Tyr Leu Ile Ala Thr Glu Gly Ser Leu Thr Arg Asn Gly Lys Val  
 65 70 75 80  
 Phe Ser Glu Tyr Asn Gly Arg Gln Ile Lys Leu Asp Asp Gly Thr Met  
 85 90 95  
 Leu Asn Val Ser Arg Val Gly Asp Glu Val Arg Tyr Pro Asp Gly Thr  
 100 105 110  
 Ser Ala Lys Ile Thr Thr Gly Ala Gly Asn Thr Pro Gly Glu Ser Ile  
 115 120 125  
 Ala Leu Val Gly Ser Ser Leu Asp Asn Gly Asp Glu Ile Ile Ser Cys  
 130 135 140  
 Pro Gln Asn Ala Gly Arg Arg Val Val Arg Ala Gly Glu Ser Leu Pro  
 145 150 155 160  
 Glu Asn Phe Leu Lys  
 165

<210> 11192  
<211> 73  
<212> PRT  
<213> Enterobacter cloacae

<400> 11192

Val Val Gly Arg Ser Thr Phe Ala Gly Gln Gly Ile Lys Gly Arg Ser  
 1 5 10 15  
 Pro Ala Gly Ala Ala Lys Ala Glu Ala Pro Ser Ile Ser Pro Ala Val  
 20 25 30  
 Lys Arg Leu Tyr Arg Asn Met Asn Val Pro Tyr Leu Thr Gly Gln Ile  
 35 40 45  
 Gln Ala Lys His Ser Val Asn Met Arg Ser Asn Cys Arg Gln Ala Asn  
 50 55 60  
 Ala Pro Thr Glu Ile Thr Gly Cys  
 65 70

&lt;210&gt; 11193

&lt;211&gt; 119

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11193

Pro Thr Asn Arg Glu Tyr Tyr Leu Ser Asn Tyr Lys Gly Glu Tyr Met  
 1 5 10 15  
 Arg Asp Lys Phe Ile Asp Ala Ile His Ser Arg Ser Lys Ile Met Leu  
 20 25 30  
 Thr Phe Tyr Ser Lys Glu Asp Asn Ala Thr Ile Thr Arg Leu Thr Ala  
 35 40 45  
 Pro Met Asp Phe Gly Pro Ser Arg Arg Ala His Asp Lys Ser Asp Arg  
 50 55 60  
 Phe His Phe Trp Asp Tyr Glu Ser Asp Lys Lys Asn His Val Leu Ser  
 65 70 75 80  
 Leu Arg Pro Glu Ala Ile Lys Ser Leu Val Val Ile Ala Gln Asn Phe  
 85 90 95  
 His Pro Gln Glu Phe Val Asn Trp Thr Pro Asn Trp Phe Ile Pro Arg  
 100 105 110  
 Asp Trp Asp Gln Tyr Ser  
 115

&lt;210&gt; 11194

&lt;211&gt; 384

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11194

Asn Lys Ala Val Thr Met Ala Ser Val Asn Arg Gly Cys Thr Val His  
 1 5 10 15  
 Gly Lys Asn Val Gly Leu His Gly Asp Lys Thr Ser Thr Gly Ala Gln  
 20 25 30  
 Cys Ile Ala Ala Arg Pro Gly Met Ser Val Met Gly Leu Trp Lys Leu  
 35 40 45  
 Tyr Ile Gly Asp Lys Thr Thr Pro Cys Pro Lys Cys Gly Lys Val Gly  
 50 55 60  
 Val Ile Val Ser Gly Asp Pro Arg Cys Ser Asn Ser Val Ala Val Ala  
 65 70 75 80  
 Val Asp Gly Ala Glu Ile Leu Cys Gly Cys Pro Gln Gly Thr Asn Phe  
 85 90 95  
 Leu Ile Ala Pro Gly Thr Val Glu Val Asn Thr Pro Ser Trp Thr Ile  
 100 105 110  
 Ala Pro Gly Glu Pro Val Gln His Ala Gln Ala Ala Lys Lys Gln Asn  
 115 120 125  
 Ser Phe Thr Asp Thr Cys Lys Pro Glu Asp Asn Pro Leu Leu Asn Gly  
 130 135 140  
 Val Tyr Ile Trp Thr Glu Thr Thr Asp Ala Gly His Ala Phe Val Ser  
 145 150 155 160  
 Val His Gln Asp Asn Ser Ile Tyr Leu Tyr Thr Tyr Gly Arg Tyr Gly

	165	170	175
Arg Thr Gly Pro Gly Asn Leu Thr Gly Asp Gly Ile Leu Asn Phe Leu			
180	185	190	
Gln Gly Glu Asp Ala Arg Val Tyr Tyr Arg Ala Glu Leu Tyr Arg Met			
195	200	205	
Gly Ala Arg Ala Phe Arg Ile Asp Asp Ala Asp Pro Thr Lys Thr Arg			
210	215	220	
Gln Phe Phe Glu Asp Leu Trp Asn Lys Gly Glu Pro Ala Ile Arg Thr			
225	230	235	240
Ser Glu Met Lys Glu Thr Thr Gln Arg Arg Gly Arg Thr Ile Asp Glu			
245	250	255	
Tyr Asp Val Thr Gly Asn Asn Cys Thr Thr His Ser Val Glu Gly Ile			
260	265	270	
Lys Phe Ala Gly Ser Arg Val Phe Glu His Asn Tyr Thr Ser Thr Thr			
275	280	285	
Thr Gln Ile Pro Ile Glu Ser Ala Glu Asp Phe Thr Ile Pro Val Ser			
290	295	300	
Leu Gln Arg Tyr Leu Glu Ser Lys Ser Ser Asp Phe Ser Ser Met Thr			
305	310	315	320
Val Val Glu Met Thr Gly Glu Phe Lys Lys Met Tyr Pro Asn Lys Asp			
325	330	335	
Asn Leu Pro Arg Tyr Gln Glu Ser Pro Lys Gly Lys Val Gln His Ile			
340	345	350	
Ala Ala Glu Ala Ala Ala Thr Gly Asp Ser Leu Ser Gln Tyr Ser Ser			
355	360	365	
Gly Thr Phe Gly Gly Val Leu Gly Gly Ser Tyr Asp Val Asp Glu			
370	375	380	

&lt;210&gt; 11195

&lt;211&gt; 154

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11195

Gly Arg Gly Lys Leu Leu Gly Asp Lys Met Trp Thr Glu Pro Lys Arg			
1	5	10	15
Pro Ala Gln Pro Val Gln Gln Ala Gln Thr Leu Ile Lys Gly Gly Thr			
20	25	30	
Leu Asn Ser Val Ala Ala Ile Met Val Arg Asp Asp Ile Lys Pro Met			
35	40	45	
Ile Ala Leu Asp Phe Ile Ala Arg Leu Gly Tyr Ile Leu Pro Cys His			
50	55	60	
Asp Val Val His Ala Val Gly Ser Asp Tyr Ala Leu Cys Gly Asp Gly			
65	70	75	80
Ser Ile Gly Gln Val Lys His Gln Lys His Leu Ala Ala Leu Arg			
85	90	95	
Thr Gly Lys His Arg Trp Asn Phe Lys Arg Arg His His Leu Ser Gly			
100	105	110	
Ile Gln Cys Glu Cys Leu Ile Arg Ile Ala Lys Gly Trp Ala Leu Lys			
115	120	125	
Ser Ala Pro Ala Gly Leu Ser Leu Arg Ile Ala Gly Glu His His Arg			
130	135	140	
Ile Phe Asp Val Arg Asn Arg Cys Lys			
145	150		

&lt;210&gt; 11196

&lt;211&gt; 115

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae.

&lt;400&gt; 11196

His Glu Leu Ile Asn Asn Leu Thr Arg Gln Glu Cys Asp Pro Asp Leu  
 1 5 10 15  
 His Leu Arg His Arg Arg Lys Thr Cys Leu Arg His Ile Ala Leu Asn  
 20 25 30  
 Lys Tyr Glu Asn Lys Ile Met Lys Lys Ile Lys Thr Ala Thr Ala Ala  
 35 40 45  
 Met Val Leu Ser Ala Leu Ser Phe Gly Val Phe Ala Ala Asp Asn Thr  
 50 55 60  
 Gln Pro Ala Asn Asp Val Asn Ser Pro Ile Gly Ile Ala Lys Ala Ser  
 65 70 75 80  
 Asp Val Glu Ala Gly Ser Asn Ile Ala Pro Gly Thr Gln Ser Thr Gly  
 85 90 95  
 Gln Ser Met Asn Asp Ala Phe Asp Val His Lys Leu Val Ala Gly Glu  
 100 105 110  
 Trp Ser  
 115

&lt;210&gt; 11197

&lt;211&gt; 97

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11197  
 Asn Ile Phe Arg Gly Phe Leu Tyr Arg Ile Ala Arg Leu Thr Ile Phe  
 1 5 10 15  
 Arg Gln Gln Asp Ala Leu Ala Lys Arg Arg Lys Val Gln Arg Met Gly  
 20 25 30  
 Cys His Met Lys Leu Glu Ser Leu Ala Leu Thr Arg Asp Leu Leu His  
 35 40 45  
 Asp Pro Ile Ala His Asp Gly Phe Pro Gly Gly Phe Arg Arg Asn Pro  
 50 55 60  
 Gly Glu Gln Arg Pro Glu Arg Leu Met Arg Arg Gly Lys Thr Arg Gln  
 65 70 75 80  
 Val Val Leu Pro Glu Arg Gln Arg Phe Ser Gln Leu Gln Gly Thr Gly  
 85 90 95

&lt;210&gt; 11198

&lt;211&gt; 62

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11198  
 Ile Val Asn Ile Phe Thr Thr Ser Gly Ala Leu Pro His Glu Asn Lys  
 1 5 10 15  
 Lys Glu Tyr Ala Glu Ala Lys Tyr Asn Ser Gly Ile Val Ile Ala Arg  
 20 25 30  
 Glu Ile Tyr Arg Ser Phe Thr Pro Cys Ser Arg Ala Lys Arg Ala Glu  
 35 40 45  
 Met Val Gln Ile Leu His Arg Trp His Tyr Leu Ser Gln  
 50 55 60

&lt;210&gt; 11199

&lt;211&gt; 64

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11199

Asp Leu Ser Leu Arg Phe Ile Ala Cys Tyr Tyr Ser Glu Ser Ile Leu  
 1 5 10 15

Thr Leu Lys Ser Ala Ile Ile Ser Asn Gly His Phe Phe Val Leu  
 20 25 30  
 Phe Cys Tyr Lys Gln Val Pro Ala Asp Glu Tyr Ser Ala Ile Phe Tyr  
 35 40 45  
 Ser Pro Leu Gln Thr Ser Thr His Thr Asn Glu Ser Ile Trp Leu  
 50 55 60

&lt;210&gt; 11200

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11200

Arg Gly Ala Val Ala Arg Pro Ser Gln Val Arg Leu Glu Pro Glu Ser  
 1 5 10 15  
 Pro Asn Val Phe Gln Asp Ser Ile Lys Gln Leu Gln Tyr Ser Asn Asn  
 20 25 30  
 Glu Phe Glu Asp Lys Tyr Asp His Ile His Asp Ala His Thr Arg Leu  
 35 40 45  
 Leu Leu Val Lys Arg Ser Thr Met Leu Ala Tyr Leu Ser Ala Ala Cys  
 50 55 60  
 Gly Gln His Leu Asp  
 65 70

&lt;210&gt; 11201

&lt;211&gt; 153

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11201

Arg Gly Asn Ala Met Ser Arg Leu Leu Ile Glu Pro Val Thr Pro Asp  
 1 5 10 15  
 Glu Pro Gly Tyr Ile Ala Leu Lys Ala Glu Ser Ile Ala Leu Asn Phe  
 20 25 30  
 Asn Met Leu Arg Arg Leu Glu Glu Asn Trp Gln Arg Gly Glu Asn Arg  
 35 40 45  
 Phe Asn Ala Pro Gly Glu Lys Leu Leu Gly Ala Phe Leu Asn Gly Arg  
 50 55 60  
 Leu Val Gly Val Cys Gly Leu Asn Arg Asp Pro Phe Ser Gln Gln Pro  
 65 70 75 80  
 Arg Ala Gly Arg Ile Arg His Leu Tyr Val Ser Glu Lys Cys Arg Gly  
 85 90 95  
 Gln Gly Ile Gly Lys Gln Leu Leu Thr Val Val Met Ala Asp Ala Ser  
 100 105 110  
 Ile Trp Phe Asp Phe Leu Asn Thr His Ala Pro Glu Thr Ala Tyr Gly  
 115 120 125  
 Phe Tyr His Arg Ala Gly Phe Arg Leu Val Ser Asp Glu Pro Arg Val  
 130 135 140  
 Thr His Arg Leu Phe Cys Ala Val  
 145 150

&lt;210&gt; 11202

&lt;211&gt; 96

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11202

Leu Pro Ser Lys Met Pro Ser Thr Arg Ala Ser Arg Ile Cys Gln Ala  
 1 5 10 15  
 Arg Leu Thr Phe Lys Phe Phe Ile Glu Thr Asp Phe Leu Asn Glu Ile  
 20 25 30

Ser Ala Pro Ser Lys Leu His Glu Tyr Gly Asp Ile Leu Lys Gly Tyr  
     35                40                        45  
 Glu Leu Cys Cys Val Gly Leu Trp Asp Phe Leu Thr Arg Arg Met Ser  
     50                55                        60  
 Ile Ile Cys Thr Ala Cys Cys Ala Ser Leu Lys Glu Gln Gly Ile Ser  
     65                70                        75                        80  
 Leu Gln Lys Val Ser Leu Ser Val Ile Tyr Ser Asn Ser His Lys  
     85                        90                        95

&lt;210&gt; 11203

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11203

Arg Pro Ala Ala Ile Ala Pro Cys Arg Asp Thr Arg Ser Ala His Cys  
     1                5                        10                        15  
 Val Ala Thr Arg Phe Arg Pro Gly Ile Gly Cys Ser Arg Leu Ile Cys  
     20                25                        30  
 His Lys Lys Gly Asp Ser Asp Ala Asn His Arg Lys Phe Lys Met Phe  
     35                40                        45  
 Phe His Ser Val Leu Val Asn Ser Leu Leu Leu Val Asn Pro Val Cys  
     50                55                        60  
 Tyr His Pro Asn Arg Asn Glu Leu Leu Leu  
     65                        70                        75

&lt;210&gt; 11204

&lt;211&gt; 86

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11204

Leu Glu Cys Leu Asn Ala Trp Leu Phe Val Gln Pro Thr Thr Cys Ser  
     1                5                        10                        15  
 Ala Ile Leu Thr Glu Gln Met Ala Thr Leu Trp Arg Gln Thr Asp Ser  
     20                25                        30  
 Glu Cys Gly Thr Leu Phe Tyr Gln His His Val Ile Leu Ala Val Asp  
     35                40                        45  
 Gln Val Leu Thr Asp Gly Gly Asp Leu Asp Met Asn Leu Cys Phe Val  
     50                55                        60  
 Thr Lys Leu Phe Asp Asp Leu Asn Phe Thr Phe Gln Arg His Ile Arg  
     65                70                        75                        80  
 Asn Val Ala Trp Gln  
     85

&lt;210&gt; 11205

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11205

Leu Glu Glu Leu Tyr Ser Pro Ala Glu Lys Met Thr Asn Gln Pro Gly  
     1                5                        10                        15  
 Gln Met Ser Pro Gln Arg Gly Asn Leu Met Ser His Gln Gln Ile Ile  
     20                25                        30  
 Gln Thr Leu Ile Glu Trp Ile Asp Glu His Ile Asp Gln Pro Leu Asn  
     35                40                        45  
 Ile Asp Val Val Ala Lys Lys Ser Gly Tyr Ser Lys Gly Ile Tyr Arg  
     50                55                        60  
 Glu Cys Ser Ala Pro  
     65                        70

&lt;210&gt; 11206

&lt;211&gt; 80

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11206

Ser	Gly	Val	Gly	Ala	Glu	Ala	Arg	Ala	Thr	Thr	Val	Leu	Leu	Ser	Glu
1				5					10					15	
Asn	Asn	Lys	Gln	Ala	Ala	Leu	Ser	Ala	Ser	Val	Ile	Leu	Arg	Ile	Phe
		20					25						30		
Ser	Pro	Glu	Tyr	Ser	Val	Cys	Tyr	Leu	Phe	Ile	Leu	Ser	Gly	Trp	Ser
	35				40							45			
Lys	Asn	Tyr	Pro	Thr	Ile	Thr	Pro	Ala	Gly	Gly	Glu	Gly	Lys	Glu	Phe
	50				55				60						
Leu	Leu	Ile	Lys	Arg	Asn	Lys	Lys	Ser	Thr	Ile	Thr	Lys	Cys	Gly	
	65				70				75					80	

&lt;210&gt; 11207

&lt;211&gt; 143

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11207

Gly	Val	Lys	Thr	Leu	Thr	Leu	Ser	Cys	Ser	Ala	Lys	Asn	Thr	Glu	Ile
1				5					10				15		
Arg	Gln	Ala	Val	Leu	Tyr	Leu	Thr	His	Arg	Lys	Ser	Gly	Asp	Arg	Lys
		20					25					30			
Met	Lys	Arg	Pro	Asp	Cys	Ile	Arg	His	Trp	Arg	Asp	Val	Glu	Gly	Ala
	35					40					45				
Asp	Asp	Ala	Thr	Tyr	Pro	Asp	Ser	Asn	Glu	Arg	Phe	Ser	Ile	Gly	Ala
	50				55				60						
Pro	Leu	Ala	Arg	Lys	Leu	Gly	Leu	Gly	Arg	Ile	Gly	Ile	His	His	Glu
	65				70				75				80		
Arg	Leu	Pro	Pro	Gly	Arg	Arg	Thr	Ser	Tyr	Pro	His	Ala	Glu	Ser	Asp
					85			90					95		
Glu	Glu	Glu	Phe	Val	Tyr	Val	Leu	Glu	Gly	Tyr	Pro	Glu	Ala	Trp	Ile
			100				105					110			
Asn	Gly	Tyr	Phe	Met	Glu	Ala	Arg	Thr	Arg	Arg	Gln	Arg	Gly	Ile	Ser
	115					120					125				
Ser	Arg	Asp	Gly	Arg	Val	Ser	His	Leu	Tyr	Gln	Gln	Tyr	Arg		
	130				135					140					

&lt;210&gt; 11208

&lt;211&gt; 85

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11208

Arg	Glu	Ile	Val	Met	Lys	Lys	Val	Leu	Tyr	Gly	Ile	Phe	Ala	Ile	Ser
1				5				10				15			
Ala	Leu	Ala	Ala	Thr	Ser	Val	Tyr	Ala	Ala	Pro	Val	Gln	Val	Gly	Glu
		20					25					30			
Ala	Ala	Gly	Ala	Ala	Ala	Thr	Ser	Ala	Ser	Ala	Gly	Ser	Ser	Thr	Ala
		35				40					45				
Ala	Ser	Thr	Ser	Ala	Val	Ser	Ser	Ala	Val	Gly	Val	Ala	Leu	Ala	Ala
	50				55				60						
Thr	Gly	Gly	Gly	Asp	Gly	Ser	Asn	Thr	Gly	Thr	Thr	Thr	Thr	Thr	Thr
	65				70				75				80		
Thr	Ser	Thr	Gln												

<210> 11209  
<211> 162  
<212> PRT  
<213> Enterobacter cloacae

<400> 11209  
Lys Asp Leu Thr Val Phe Gly Thr Gly Gly Thr Trp Lys Ala Leu Met  
1               5               10               15  
Thr Gln Arg Ile Leu Thr Ala Thr Asn Val Phe Leu Leu Ala Arg Arg  
20              25              30  
Trp Pro Ala Asn Trp Val Ser Ala Ala Leu Val Phe Thr Met Asn Gly  
35              40              45  
Cys Arg Pro Asp Ala Ala His Leu Ile Arg Met Arg Lys Ala Thr Lys  
50              55              60  
Arg Ser Leu Phe Thr Phe Trp Arg Val Thr Leu Arg Pro Gly Ser Met  
65              70              75              80  
Gly Ile Leu Trp Lys Leu Glu Pro Gly Asp Ser Val Gly Phe Pro Ala  
85              90              95  
Gly Thr Gly Val Cys His Thr Phe Ile Asn Asn Thr Asp Glu Glu Val  
100             105             110  
Arg Leu Leu Val Val Gly Glu Ala Asn Lys Lys His Asn Arg Ile Tyr  
115             120             125  
Tyr Pro Leu Asn Pro Val Tyr Ala Ala Thr Arg Glu Asp Arg Trp Val  
130             135             140  
Asp His Pro Pro Gln Phe Phe Gly Pro His Asp Gly Lys Pro Gly Arg  
145             150             155             160  
Lys

<210> 11210  
<211> 444  
<212> PRT  
<213> Enterobacter cloacae

<400> 11210  
Gln Thr Ile Tyr Glu His Thr Val Lys Lys His Phe Lys Phe Ser Met  
1               5               10               15  
Val Ser Ile Ala Val Ser Phe Phe Met Ala Asn Gln Ala Gly Ala Ala  
20              25              30  
Asn Thr Trp Thr Glu Ala Arg Ser Asp Ala Met Gly Gly Thr Gly Val  
35              40              45  
Ala Ala Gly Ser Tyr Gly Ser Gly Ala Leu Ile Asn Pro Ala Leu Leu  
50              55              60  
Ala Lys Ser Lys Pro Glu Asp Asp Val Thr Val Ile Leu Pro Ser Val  
65              70              75              80  
Gly Val Gln Val Thr Asp Glu Asp Asn Leu Gln Asp Glu Ile Asp Thr  
85              90              95  
Ile Asn Asp Lys Ile Asn His Tyr Lys Asp Val Val Asp Ser Leu Thr  
100             105             110  
Pro Ile Glu Val Ile Thr Asn Pro Leu Gly Ser Ile Asn Gln Phe Gln  
115             120             125  
Gly Ala Ala Lys Asp Leu Ala Asp Glu Leu Asp Tyr Leu Lys Gly Lys  
130             135             140  
Thr Ala His Ala Thr Ala Gly Ala Gly Ile Ala Val Ser Ile Pro Asn  
145             150             155             160  
Asp Val Leu Ser Val Ala Phe Met Ala Lys Gly Tyr Ala His Gly Arg  
165             170             175  
Val Ser Ser Ser Ile Asp Gln Gln Asp Ile Asp Tyr Leu Arg Gly Ile  
180             185             190  
Gln Arg Ser Asp Ala Val Ala Gly Val Ala Leu Asp Ala Ala Leu

195	200	205													
Asn	Gly	Thr	Asp	Gln	Ile	Thr	Lys	Asn	Leu	Asn	Ser	Thr	Ala	Ser	Gly
210						215						220			
Arg	Ala	Ala	Ile	Val	Ser	Asp	Tyr	Gly	Ile	Ala	Val	Ala	Arg	Gln	Phe
225						230					235				240
Asp	Leu	Gly	Gly	Val	Pro	Val	Ser	Val	Gly	Val	Thr	Pro	Lys	Leu	Gln
						245				250					255
Lys	Thr	Trp	Leu	Tyr	Asn	Tyr	Thr	Thr	Ser	Ile	Tyr	Asp	Tyr	Asp	Ser
						260			265						270
Asn	Lys	Trp	Asn	Asp	Ser	Arg	Tyr	Arg	Thr	Asp	Asp	Thr	Gly	Phe	Asn
						275			280						285
Val	Asp	Ala	Gly	Ile	Ala	Ala	Asp	Phe	Gly	Glu	Asn	Trp	Thr	Val	Gly
						290			295						300
Val	Ser	Gly	Gln	Asn	Leu	Met	Ser	Arg	Asp	Ile	Asp	Thr	Lys	Asp	Ile
305						310				315					320
Arg	Ile	Arg	Asn	Gly	Arg	Thr	Gly	Glu	Val	Val	Ser	Tyr	Lys	Asp	Thr
						325				330					335
Tyr	Gln	Ile	Arg	Pro	Leu	Val	Thr	Val	Gly	Ala	Ala	Trp	His	Asn	Asp
						340			345						350
Leu	Val	Thr	Leu	Thr	Ala	Asp	Gly	Asp	Leu	Thr	Glu	Thr	Lys	Gly	Phe
						355			360						365
Lys	Ser	Glu	Asp	Thr	Ser	Gln	Tyr	Val	Gly	Val	Gly	Ala	Glu	Val	Thr
						370			375						380
Pro	Leu	Ser	Trp	Leu	Ala	Val	Arg	Ala	Gly	Tyr	Arg	Ala	Asp	Met	Lys
385						390				395					400
Gly	Asn	Asp	Ser	Asn	Val	Phe	Thr	Gly	Gly	Val	Gly	Phe	Ala	Pro	Phe
						405				410					415
Asn	Ala	Val	His	Val	Asp	Leu	Met	Gly	Leu	Tyr	Gly	Glu	Asp	Glu	Thr
						420			425						430
Trp	Gly	Ala	Gly	Ala	Gln	Leu	Ser	Met	Thr	Phe					
						435			440						

&lt;210&gt; 11211

&lt;211&gt; 64

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11211

Arg	Leu	Gln	Gln	Tyr	Val	Tyr	Gly	Leu	Cys	Gly	Thr	Ile	Asn		
1						5			10			15			
Val	Pro	Ala	Glu	Ile	Ile	His	Arg	Ile	Glu	Leu	Ile	Ala	Phe	Phe	Gly
						20			25			30			
Phe	Tyr	Ile	Leu	Cys	Phe	Thr	Leu	Ser	Met	Leu	Phe	Asp	Phe	Val	Val
						35			40			45			
Leu	Phe	Phe	Tyr	Ser	Asp	Met	Ser	Tyr	Cys	Gly	Cys	Ser	Leu	Asp	
						50			55			60			

&lt;210&gt; 11212

&lt;211&gt; 133

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11212

Leu	Phe	Ser	Ser	Ser	Arg	Met	Lys	Asn	Glu	Lys	Tyr	Val	Val	Ile	
1						5			10			15			
Pro	Tyr	Gly	Glu	Tyr	Phe	Arg	Met	Arg	Leu	Ala	Met	Leu	Glu	Tyr	Asp
						20			25			30			
Asp	Asp	Asp	Glu	Asn	Asp	Trp	Glu	Asp	Ile	Pro	Tyr	Glu	Ser	Asp	Ile
						35			40			45			
Tyr	Asp	Asn	Val	Gly	Leu	Pro	Gly	Glu	Val	Cys	Asp	Ile	Met	His	Asn
						50			55			60			

Glu Asn Val Ser Leu Gln Ala Ala Trp Arg Ile Leu Arg Gly Met Ser  
 65 70 75 80  
 Gln Gln Glu Val Ala Glu Lys Leu Gly Ile Ser Gln Ser Ala Val Ser  
 85 90 95  
 Gln Leu Glu Ala Leu Asp Ser Arg Pro Gln Lys Arg Thr Arg Glu Lys  
 100 105 110  
 Leu Ala Ala Leu Tyr Gly Cys Lys Gln Glu Gln Ile Ser Leu Tyr Leu  
 115 120 125  
 Pro Lys Glu Gly  
 130

&lt;210&gt; 11213

&lt;211&gt; 161

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11213  
 Glu Asp Asn Ile Val Thr Leu Asp Pro Glu Thr Asp Leu Lys Leu Glu  
 1 5 10 15  
 Arg Val Val Asp Ala Pro Arg Asp Leu Leu Trp Leu Cys Trp Thr Thr  
 20 25 30  
 Pro Glu His Ile Lys Asn Phe Phe Ile Pro Ala Pro His Lys Val Thr  
 35 40 45  
 Glu Cys Asp Leu Asp Leu Arg Val Gly Gly Arg Phe Asn Thr Val Phe  
 50 55 60  
 Glu Val Asp Gly Gln Arg Met Asp Asn Arg Gly Val Phe Leu Glu Ile  
 65 70 75 80  
 Asp Pro Gly Lys Lys Leu Val Phe Thr Asp Gly Tyr Thr Glu Gly Trp  
 85 90 95  
 Lys Pro Ala Glu Lys Pro Phe Met Thr Ala Ile Leu Leu Glu Asp  
 100 105 110  
 Ala Gly Glu Gly Lys Thr Arg Tyr Thr Ala Ile Ala Arg His Pro Thr  
 115 120 125  
 Lys Glu Ile Arg Glu Gln His Glu Gln Met Gly Phe His Glu Gly Trp  
 130 135 140  
 Gly Ile Val Leu Asp Gln Leu Val Gly Tyr Val Lys Gly Leu Asn Ala  
 145 150 155 160

&lt;210&gt; 11214

&lt;211&gt; 77

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11214  
 Ile Glu Lys Thr Gln Ser Ala Ser Ala Thr Ala Pro Asp Gly Ile Thr  
 1 5 10 15  
 Ile Ser Phe Leu Asn Ile Cys Phe Pro Asp Trp Leu Gly Ala Ile Asn  
 20 25 30  
 Phe Trp Gly Leu Leu Lys His Lys Lys Arg Pro Gln Ala Leu Phe Gly  
 35 40 45  
 Tyr Gln Glu Phe Arg Leu Gly Ser Ala Gly Asn Gln His Phe Gly Gly  
 50 55 60  
 Asp Asn Asn Asp Asn Gln Ala Asn Gln His Arg His  
 65 70 75

&lt;210&gt; 11215

&lt;211&gt; 160

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11215

Ile	Ser	Leu	Lys	Pro	Leu	Leu	Phe	His	Ser	Phe	Ala	Cys	Leu	Tyr	Ser
1					5				10					15	
Val	His	Phe	Leu	Leu	Ser	Asp	Asp	Leu	Asn	Met	Tyr	Ala	Ser	Trp	Thr
					20				25					30	
Tyr	Arg	Leu	Arg	Phe	Ile	Lys	Lys	His	Leu	Leu	Met	Phe	Leu	Leu	Ala
					35				40				45		
Phe	Gly	Trp	Leu	Leu	Ile	Gln	Thr	Gln	Val	Ala	Val	Ala	Ser	His	Gln
					50				55			60			
Cys	Ser	Met	Asp	Leu	Arg	Gly	Glu	Val	Ala	Thr	Ile	Gln	His	Met	Glu
					65				70			75		80	
Met	Met	Ala	Gln	Pro	Gly	Pro	His	Tyr	Ala	Ala	Gly	Ala	Ser	Pro	Leu
					85				90				95		
Cys	Glu	Lys	His	Cys	Val	Pro	Asp	Gln	Val	Gln	Lys	Asp	Pro	Ala	Gln
					100				105			110			
Pro	His	Leu	Val	Ala	Leu	Pro	Ala	Ala	Met	Thr	Leu	Thr	Leu	Thr	Pro
					115				120			125			
Pro	Glu	Cys	Ser	Ser	Ala	Ser	His	Ser	Ala	Trp	Ser	Val	Thr	Pro	Pro
					130				135			140			
Ala	Val	Gly	Pro	Pro	Ala	Thr	Ile	Arg	Tyr	Cys	Arg	Phe	Arg	Glu	
					145				150			155		160	

&lt;210&gt; 11216

&lt;211&gt; 414

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11216

Met	Ser	Met	Leu	Pro	Thr	Pro	Glu	Tyr	Ser	Arg	Asn	Met	Arg	Leu	Ile
1					5				10				15		
Gly	His	Ser	Asp	Gln	Gly	Gly	Arg	Pro	Asp	Gly	Val	Gln	Leu	Met	Val
					20				25			30			
His	Arg	Gly	Phe	Ala	Tyr	Ile	Gly	His	Met	Val	Ser	Gln	Gly	Phe	Ser
					35				40			45			
Ile	Val	Asp	Val	Arg	Asp	Pro	Lys	Asn	Pro	Lys	Pro	Ala	Gly	Tyr	Val
					50				55			60			
Pro	Ala	Pro	Pro	Gly	Thr	Trp	Asn	Val	His	Leu	Gln	Ala	His	Asp	Asp
					65				70			75		80	
Leu	Leu	Leu	Val	Ile	Asn	Ala	Arg	Asp	Leu	Phe	Ala	Asp	Ala	Arg	Phe
					85				90			95			
Ala	Asp	Glu	Lys	Val	Tyr	Tyr	Thr	Arg	Gln	Val	Gly	Glu	Thr	Val	Ser
					100				105			110			
Asp	Val	Gln	Asp	Arg	Gly	Trp	Ser	Ala	Gly	Leu	Arg	Val	Phe	Asp	Ile
					115				120			125			
Ser	Thr	Pro	Asp	Arg	Pro	Arg	Glu	Ile	Gly	Phe	Leu	Ser	Leu	Ser	Gly
					130				135			140			
Ile	Gly	Ile	His	Arg	Ile	Trp	Tyr	Val	Gly	Gly	Arg	Trp	Ala	Tyr	Val
					145				150			155		160	
Ser	Ala	Leu	Ile	Asp	Gly	Phe	Thr	Asp	Tyr	Ile	Phe	Leu	Thr	Ile	Asp
					165				170			175			
Leu	Ala	Asp	Pro	Arg	Lys	Pro	Glu	Val	Ala	Gly	Arg	Trp	Trp	Leu	Pro
					180				185			190			
Gly	Met	Asn	Gln	Ser	Ala	Gly	Glu	Gln	Pro	Asp	Trp	Pro	Glu	Gly	Lys
					195				200			205			
Arg	Tyr	Ala	Leu	His	His	Ala	Ile	Ile	Ala	Gly	Asp	Thr	Ala	Tyr	Gly
					210				215			220			
Ser	Trp	Arg	Asp	Gly	Gly	Leu	Thr	Leu	Leu	Asp	Val	Lys	Asp	Arg	Thr
					225				230			235		240	
Gln	Pro	Lys	Leu	Ile	Ser	His	Arg	Asn	Trp	Ser	Pro	Pro	Phe	Gly	Gly
					245				250			255			

Gly Thr His Thr Ala Leu Pro Leu Pro Asp Arg Asp Leu Leu Val Val  
 260 265 270  
 Leu Asp Glu Ala Val Leu Asp Asn Gln Glu Asp Gly Glu Lys Leu Ile  
 275 280 285  
 Trp Leu Phe Asp Ile Arg Glu Pro Ser Asn Pro Val Ser Ile Ser Thr  
 290 295 300  
 Phe Pro His Pro Asp Glu Ile Asp Tyr Val Ala Lys Gly Ala His Phe  
 305 310 315 320  
 Gly Pro His Asn Leu His Glu Asn Arg Pro Gly Ser Phe Val Ser Ser  
 325 330 335  
 Thr Leu Ile Phe Ala Thr Tyr Gln Asn Ala Gly Val Arg Ala Tyr Asp  
 340 345 350  
 Ile Ser Asn Pro Tyr Arg Pro Val Glu Thr Gly Ala Leu Val Pro Ala  
 355 360 365  
 Ala Pro Glu Arg Met Met Asp Thr Arg Pro Asn Arg Pro Gln Val Ile  
 370 375 380  
 Gln Ser Cys Asp Val Phe Val Asp Ala Gln Gly Ile Ile Tyr Ser Thr  
 385 390 395 400  
 Asp Tyr Asn Asp Gly Leu Ser Val Ile Glu Tyr Leu Gly  
 405 410

&lt;210&gt; 11217

&lt;211&gt; 293

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11217

Thr Val Ser Ser Val Pro Ala Ser Ala Ser Ser Cys Pro Asn Thr Ile  
 1 5 10 15  
 Pro Asn Thr Met Asn Ser Thr Val Val Lys Gly Ala Ala Met Asn Met  
 20 25 30  
 Lys Pro Ile Gly Gly Met Leu Leu Leu Met Val Ser Thr Phe Ala Phe  
 35 40 45  
 Ala Gln Gln Ser Phe Ser Thr Pro Glu Gln Ala Ala Asn Ala Leu Thr  
 50 55 60  
 Lys Ala Ile Ser Glu Gln Asn Glu Ser Ala Met Ala Asp Leu Leu Gly  
 65 70 75 80  
 Asp Asn Trp Arg Asp Tyr Leu Pro Pro Glu Gly Val Asp Pro Glu Ala  
 85 90 95  
 Val Ala Arg Phe Leu Arg Asp Trp Lys Ile Asn His Arg Thr Glu Ile  
 100 105 110  
 Ser Gly Asp Ile Ala His Leu Ser Val Gly Asp Asn Gly Trp Gln Leu  
 115 120 125  
 Pro Ile Pro Val Val Lys Lys Glu Gly Trp Gln Phe Asp Met Gln  
 130 135 140  
 Lys Ala Ala Asp Glu Ile Leu Thr Arg Glu Ile Gly Arg Asn Glu Leu  
 145 150 155 160  
 Ala Ala Ile Glu Ala Leu His Ala Tyr Val Asp Ala Gln Arg Ser Tyr  
 165 170 175  
 Tyr Ala Met Asn His Arg Tyr Ala Gln Lys Ile Val Ser Thr Pro Gly  
 180 185 190  
 Leu Lys Asp Gly Leu Tyr Trp Pro Ile Ser Pro Gly Glu Ala Pro Ser  
 195 200 205  
 Pro Leu Gly Pro Ala Phe Ser Pro Pro Glu Pro Gly Met Gly Tyr His  
 210 215 220  
 Gly Tyr Arg Phe Arg Ile Leu Ser Asp Lys Asn Gly Phe Ala Met Val  
 225 230 235 240  
 Ala Trp Pro Val Ser Tyr Gly Gln Thr Gly Val Met Ser Phe Val Val  
 245 250 255  
 Asn Gln Glu Asp Lys Val Tyr Gln Ala Asn Leu Gly Asn Asp Ser Ala  
 260 265 270

Gln Lys Ala Gln Ala Leu Ala Ala Tyr His Pro Asp Lys Thr Trp Gln  
 275 280 285  
 Pro Val Thr Pro  
 290

<210> 11218  
 <211> 67  
 <212> PRT  
 <213> Enterobacter cloacae

<400> 11218  
 Arg Asp Asp Pro Gln His Ile Gly Arg Thr Gly Cys Gly Asn Leu Thr  
 1 5 10 15  
 Leu Ser Phe Leu Val Asp Asn Gly Val Glu Gln Gly Ile Lys Pro Gly  
 20 25 30  
 Phe Phe Arg Trp Ile Gly Lys Tyr Val Leu Thr Gln Leu Pro Thr Ile  
 35 40 45  
 Gln Gly Ala Val Ser Leu Tyr His Thr Ala Thr Lys Met Arg Phe Asp  
 50 55 60  
 Gly Val  
 65

<210> 11219  
 <211> 65  
 <212> PRT  
 <213> Enterobacter cloacae

<400> 11219  
 Cys Arg Lys Ile Ser Ser Gly Lys Cys Ala Arg His Ile Pro Ala Asn  
 1 5 10 15  
 Gly Gln Pro Val Gly Leu Leu Ser Glu Ala Pro Ala Gly Phe Lys Gly  
 20 25 30  
 Tyr Cys Trp Phe Ser Leu Gln Ser Ser Leu Ser Glu Arg Ser Pro Ser  
 35 40 45  
 Leu Gly Met Arg Phe Ser Ser Ala Ala His Ser Pro Arg Ser Ile Ser  
 50 55 60  
 65

<210> 11220  
 <211> 104  
 <212> PRT  
 <213> Enterobacter cloacae

<400> 11220  
 Ala Gly Asp Gly Asn Ser Glu Gly Arg Ser Cys Glu Arg Pro Ala Ala  
 1 5 10 15  
 Arg Cys Arg Arg Gly Asp Asp Arg Leu Thr Glu Leu Leu Pro Gly Pro  
 20 25 30  
 Val Thr Gly Cys Tyr Ile Met Leu Asn Asp Ser Ala Asn Phe Leu Met  
 35 40 45  
 Leu Leu Phe Cys Lys Gln Ile Asn Thr Val Gln Lys Ser Cys Tyr Ala  
 50 55 60  
 Ala Arg Arg Gly Ile Gly His Leu Pro Tyr Lys Leu Leu Ser His Arg  
 65 70 75 80  
 Ser Val Lys Arg Thr Pro Ala Ala Tyr Asp Asn Glu Ser Glu Glu Asn  
 85 90 95  
 Arg Arg Ala Arg Arg Ile Pro  
 100

<210> 11221

&lt;211&gt; 63

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11221

Gln	Pro	Gln	Leu	Asn	Thr	Ala	Phe	Ser	Asn	Lys	Met	Thr	Val	Ile	Tyr
1							5			10					15
Gln	Val	Ala	Cys	Gln	Leu	Phe	Lys	Leu	Leu	Lys	Ile	Met	Asp	Leu	Tyr
							20			25					30
Phe	Asp	Ala	Pro	Lys	Trp	Val	Val	Ile	Leu	Thr	Ile	Leu	Lys	Ile	Val
							35			40					45
Asn	Met	Thr	Leu	Cys	Ile	Val	Lys	Met	Thr	Val	Arg	Gln	Arg		
							50			55					60

&lt;210&gt; 11222

&lt;211&gt; 94

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11222

Arg	Gln	Pro	Gly	Asn	Val	Ser	Val	Thr	Tyr	Pro	Gly	Lys	Arg	Gly	Arg
1									5		10				15
Cys	Gly	Ile	Glu	Ser	Ala	Ser	His	Arg	Arg	Lys	Gly	Asp	Ala	Gly	Asn
								20		25					30
Lys	His	Val	Tyr	Gln	Ile	Lys	Glu	Lys	Ala	Glu	Gln	Lys	Asp	Asp	Gly
							35			40					45
Asp	Phe	Ala	Ala	Ile	Arg	His	Gly	Ser	Ser	Ser	Gly	Glu	Val	Ala	Tyr
							50			55					60
Arg	Ile	Gly	Pro	His	Val	Thr	Asp	Lys	Arg	Asp	Lys	Ala	Arg	Tyr	Thr
							65			70					80
Val	Asn	Ile	Ile	Leu	Thr	Val	Asn	Gln	Ala	Ser	Asp	Ala			
							85			90					

&lt;210&gt; 11223

&lt;211&gt; 172

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11223

Ala	Gly	Arg	Arg	Thr	Asp	Gln	Lys	Thr	Gly	Thr	Gly	Leu	Met	Thr	Thr
1									5		10				15
Ala	Val	Leu	Gln	Met	Arg	Gln	Gly	Val	Leu	Leu	Thr	Thr	Ser	Cys	Leu
								20		25					30
Leu	Ala	Phe	Val	Leu	Leu	Phe	Leu	Val	Ile	Ala	Leu	Gly	Val	Ser	Ile
							35			40					45
Gly	Glu	Leu	Ser	Ile	Pro	Leu	Asn	Asn	Val	Phe	Tyr	Ala	Ile	Ser	Asn
							50			55					60
Lys	Leu	Gly	Leu	Thr	Asp	Val	Pro	Leu	Asn	Arg	Ile	Tyr	Glu	Ser	Val
							65			70					80
Ile	Trp	Asp	Phe	Arg	Leu	Ser	Arg	Ala	Leu	Val	Ala	Ala	Cys	Cys	Gly
							85			90					95
Ala	Gly	Leu	Ala	Ile	Cys	Gly	Ala	Val	Leu	Gln	Ser	Leu	Leu	Lys	Asn
							100			105					110
Ala	Leu	Ala	Glu	Pro	Tyr	Val	Leu	Gly	Val	Ser	Ala	Gly	Ala	Ser	Thr
							115			120					125
Gly	Ala	Val	Ser	Val	Val	Val	Leu	Gly	Leu	Gly	Thr	Gly	Arg	Ser	Val
							130			135					140
Ala	Phe	Cys	Gly	Arg	Val	Cys	Arg	Ser	Leu	Arg	Arg	Leu	Cys	Leu	Cys
							145			150					160
Arg	Leu	Pro	Asp	Gln	Arg	Arg	Ala	Arg	Arg	Gln					
							165			170					

<210> 11224  
<211> 121  
<212> PRT  
<213> Enterobacter cloacae

<400> 11224  
Thr Leu Val Asn Asp Pro Val Arg Phe Arg Gln Leu Phe Gln Arg Val  
1               5               10               15  
Asn Arg Met Val Cys Gln Pro Ala Trp Arg Cys His Gly Gln Asp Gly  
20              25              30  
Glu Gly Gly His Gln Arg Gly Val Val Ala Arg Ile Cys Lys Arg Ala  
35              40              45  
Glu Pro Asp Ser Asp Ile Glu Ala Leu Gly Asp Lys Ile Gly Met Gln  
50              55              60  
Arg Gly Arg Asp Met Pro His Ala Lys Val Arg Val Gln Leu Ala Lys  
65              70              75              80  
Phe Ser Gln Gln Arg His His His Leu Arg Ala Ile Phe Gly Arg Gly  
85              90              95  
Gly Asp Pro Gln Phe Ser Arg Gln Pro Gly Val Val Gly Ala Asn Val  
100            105             110  
Ile Leu Gln Ser Leu Cys Ile Pro  
115            120

<210> 11225  
<211> 139  
<212> PRT  
<213> Enterobacter cloacae

<400> 11225  
Gln His Ala Val Thr Cys Ala Thr Ala Thr Gly Ala Thr Met Thr His  
1               5               10               15  
Phe Glu Gln Glu Ile Leu Asp Ile His Val Ala Leu Glu Asn Trp Leu  
20              25              30  
Gly Ala Gly Glu Gly Asn Arg Asp Ala Leu Leu Ala Arg Phe Arg Pro  
35              40              45  
Asp Phe Leu Met Val Pro Pro Ser Gly Asn Pro Leu Asp His His Ala  
50              55              60  
Leu Ala Gln Phe Leu Tyr Ala Gln Arg Gly Thr Arg Pro Gly Leu Arg  
65              70              75              80  
Ile Gly Ile Asp Ala Leu Thr Thr Leu Gln Thr Trp Asp Asn Gly Ala  
85              90              95  
Val Leu His Tyr Arg Glu Thr Gln Thr Arg Pro Gly Gln Pro Val Asn  
100            105             110  
Val Arg Trp Ser Thr Ala Val Leu Asn Gln Glu Gly Asp Asn Ile Thr  
115            120             125  
Trp Arg Leu Leu His Glu Thr Ala Gln Pro  
130            135

<210> 11226  
<211> 80  
<212> PRT  
<213> Enterobacter cloacae

<400> 11226  
Val Asn Val Cys Leu Val Glu Tyr Arg Glu Tyr Val Lys Gly Gly Lys  
1               5               10               15  
Arg Lys Met Leu Asp Phe Thr Cys Cys Val Met Phe Phe Asn Tyr Trp  
20              25              30  
Leu Thr Lys Ala Pro Gly Ser Ala Thr Leu Thr Arg Pro Ala Leu His  
35              40              45

Phe Pro Leu Ser Leu Trp Glu Arg Val Gly Val Arg Ala Ser Ala Arg				
50	55	60		
Thr Glu Arg Cys Thr Lys Pro Ala Ala Ser Tyr Arg Ala Gly Gly				
65	70	75		80

&lt;210&gt; 11227

&lt;211&gt; 84

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11227

Ala Gln Arg Ala Phe Ser Ser Trp Val Lys Ser Ser Ile Gln Cys Ser				
1	5	10		15
Trp Lys Ser Val Asn Val Thr Pro Val Ile Arg Glu Ile Gln His Gly				
20	25	30		
Asp Ile Val Met Ile Ser Leu Trp Ser Leu Ala Asp Thr Leu Met Cys				
35	40	45		
Gly Gln His Cys Ser Leu Leu Ile Gly Trp Leu Ala Ser Thr Asn Leu				
50	55	60		
Gln Asn Asn Glu Val Asn Pro Ile Val Thr Lys Pro Asp Val Leu Arg				
65	70	75		80
His Arg Ile				

&lt;210&gt; 11228

&lt;211&gt; 83

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11228

Ile Trp Cys Ala Ala Arg Ala Ala Leu Asn Leu Phe Gly Lys Met Ser				
1	5	10		15
Leu Leu Ile Thr Tyr Thr Phe Phe Asn Ser Ala Val Leu Ala Ser Ser				
20	25	30		
Phe Ser Tyr Leu Phe Arg Leu Ser Val Ser Val Ile Phe Ile Phe Leu				
35	40	45		
Thr Glu Phe Trp Arg Tyr Lys Ile Val Ile Gln Tyr Asn Arg His His				
50	55	60		
Pro Ala Ala His Cys Leu Asn Ala Gln Leu Ser Asn Gly Ser Asn Thr				
65	70	75		80
Leu Phe				

&lt;210&gt; 11229

&lt;211&gt; 77

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11229

Asn Ser Arg Leu Leu Thr Met Leu Lys Tyr Ala Glu His Pro Ser Asp				
1	5	10		15
Val Leu Arg Leu Val Leu Glu His Gly Leu Arg Arg Asn Thr Met Glu				
20	25	30		
Gly Phe Tyr Asn Glu Ile Pro His His Pro Gly Ser Gly Pro Phe Phe				
35	40	45		
Phe Lys His Ser Phe Leu Arg Tyr Val Ser Leu Ser Gly Glu Arg Thr				
50	55	60		
Gly Tyr Pro Thr Arg Asn Gln Leu Cys Arg Lys Ala				
65	70	75		

&lt;210&gt; 11230

&lt;211&gt; 161

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11230

Leu	Pro	Arg	Thr	Gly	Glu	Ser	Leu	Trp	Ser	Gly	Glu	Ile	Thr	Gly	Gly
1				5					10				15		
Ala	Met	Ser	Asp	Arg	Ile	Phe	Ala	Gly	Ile	Trp	Leu	Leu	Cys	Ile	
				20					25				30		
Gly	Gly	Met	Phe	Val	Ala	Trp	Gln	Ile	His	Ser	Glu	Tyr	Ser	Tyr	Glu
				35					40			45			
Pro	Val	Gly	Pro	Arg	Pro	Phe	Pro	Val	Gly	Ile	Val	Gly	Leu	Met	Leu
	50							55			60				
Leu	Cys	Ser	Val	Ala	Leu	Leu	Leu	Arg	His	Pro	Asp	Thr	Val	Glu	Trp
65								70		75			80		
Pro	Pro	Arg	Arg	Thr	Leu	Gln	Arg	Leu	Leu	Val	Met	Val	Ile	Val	Leu
				85					90			95			
Leu	Met	Tyr	Ala	Trp	Gly	Phe	Glu	Trp	Leu	Gly	Phe	Pro	Ile	Ala	Thr
		100						105				110			
Ala	Leu	Leu	Thr	Met	Val	Ile	Gly	Ile	Leu	Phe	Asn	Ala	Ser	Leu	Pro
		115						120				125			
Ala	Ala	Gly	Ile	Ser	Gly	Val	Val	Leu	Gly	Ile	Leu	Leu	Trp	Tyr	Ala
	130					135				140					
Phe	Asp	Arg	Leu	Leu	Asp	Val	Thr	Leu	Pro	Leu	Gly	Ala	Trp	Phe	Asn
145						150				155			160		

&lt;210&gt; 11231

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11231

Lys	Gln	Cys	Ser	Ile	Arg	Ala	Val	Leu	Ser	Gly	Met	Ala	Ala	Ser	Leu
1					5				10			15			
Ile	His	Ile	Pro	Gln	Cys	Leu	Leu	Leu	Thr	His	Ser	Gly	Arg	Ile	Phe
					20				25			30			
His	Thr	Phe	Leu	Tyr	Asn	Leu	Val	Ser	Lys	Thr	Ile	Ser	Ala	Ala	Leu
					35			40			45				
Leu	Leu	Ser	Lys	Gln	Phe	Leu	Asn	Thr	Leu	Arg	Asn	Leu	Asn	Lys	Tyr
					50			55			60				
Phe	Arg	Pro	Arg												
65															

&lt;210&gt; 11232

&lt;211&gt; 148

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11232

Gly	Ser	Ala	Met	Lys	Tyr	Pro	Ile	Val	Leu	Val	Cys	Ala	Leu	Thr	
1					5				10			15			
Val	Pro	Ala	Ile	Ala	Ala	Ser	Thr	Asp	Trp	Pro	Ser	Ala	Leu	His	Gly
					20				25			30			
Ile	Ala	Ser	Gly	Asp	Thr	His	Trp	Ile	Glu	Gln	Ala	Pro	Thr	Leu	Ala
					35			40			45				
Ala	Thr	Ala	Asp	Ala	Arg	Gln	Ala	Gln	Leu	Leu	Glu	Asp	Ala	Leu	Ala
					50			55			60				
Ala	Ala	Leu	Thr	Thr	Asn	Thr	Ser	Ala	Thr	Leu	Lys	Ala	Leu	Gln	Thr
					65			70			75			80	

Ile Asp Ala Gly Lys Trp Pro His Met Val Gly Ser Asp Ile Val Cys  
           85               90               95  
 Thr Pro Pro Leu Glu Lys Ser Pro Ala Glu Val Asp Ala Phe Tyr Gln  
           100           105               110  
 Arg Thr Arg Arg Ala Leu Leu Asp Thr Val Glu Gly Ala Gln Cys Leu  
           115           120               125  
 Trp Ile Leu Glu Ala Thr Met Glu Glu Leu Asn Ala Glu Lys Ala Arg  
           130           135               140  
 Gln Gly Lys  
           145

&lt;210&gt; 11233

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11233

Arg Gly Arg His Lys Val Cys Gly Val Val Arg Lys Arg Tyr Gly Val  
   1               5               10               15  
 Leu Leu Arg Asp Trp Pro Asp Gly Asp Gly Glu Leu Gln Leu  
   20               25               30  
 Val Ser Met Val Arg Ser Asp Pro Leu Thr Leu Thr Leu Ser Pro Lys  
   35               40               45  
 Gly Arg Gly Asp Asp Tyr Ala Leu Ala Pro Leu Gly Arg Gly Pro Gly  
   50               55               60

65

&lt;210&gt; 11234

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11234

His Phe Met Leu Val Val Ala Ser Leu Thr Pro Gly Gln Arg Met Arg  
   1               5               10               15  
 Pro Ala Asp Lys Arg His Asp Pro Met Ile Pro Pro Ser Ala Leu Val  
   20               25               30  
 Ile Thr Thr Val Asp Asp Arg Gly Arg Pro Phe Gly Leu Ala Ser Gly  
   35               40               45  
 Gln Leu Glu Thr Ala Arg Gly Leu Ala Gly Ser Val Ile Ser Ser Pro  
   50               55               60  
 Pro Ser Pro Gly Cys  
   65               70

&lt;210&gt; 11235

&lt;211&gt; 65

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11235

Met Ala Thr Thr Pro Gly Phe Ser Tyr Val His Ala Glu Glu Ser Ala  
   1               5               10               15  
 Val His His Leu Leu His Leu Gln Leu Pro Asp Ser Ala Asp Leu Phe  
   20               25               30  
 Glu Leu Ala Gly Thr Cys Ala Ala Tyr Val Ser Val Leu Val Glu Met  
   35               40               45  
 Asp Asp Ala Val Thr Phe Ser Thr Leu Cys Lys Gln Leu Leu Gly Cys  
   50               55               60

&lt;210&gt; 11236

&lt;211&gt; 151

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11236

Ser	Cys	Ser	Met	Lys	Lys	Leu	Pro	Gly	Ala	Thr	Trp	Thr	Val	Thr	Ser
1				5					10				15		
Cys	Ile	Gln	Ile	Ala	Gly	Met	Thr	Val	Arg	Arg	His	Lys	Glu	Asn	Val
				20				25				30			
Met	Gly	Trp	Lys	Tyr	Glu	Gln	Ser	Thr	Gly	Lys	Met	Tyr	Lys	Asp	Gly
				35			40				45				
Lys	Leu	Ile	Glu	Thr	Gly	Tyr	Ser	Gly	Ala	Leu	Thr	Asn	Lys	Asn	Asn
				50			55			60					
Pro	Asp	Arg	Gln	His	Val	Lys	Gly	Leu	Gly	Pro	Leu	Pro	Arg	Gly	Thr
				65			70			75			80		
Tyr	Lys	Ile	Ala	Gly	His	Ser	Asn	Ser	Lys	Gly	Pro	Ile	Thr	Ile	Ile
				85				90				95			
Leu	Glu	Gln	Thr	Ser	Gly	Glu	Ser	Phe	Gly	Arg	Ser	Glu	Phe	Arg	Ile
				100				105				110			
His	Gly	Asp	His	Lys	Tyr	Gly	Pro	Ala	Gly	Phe	Ala	Ser	Glu	Gly	Cys
				115			120				125				
Ile	Ile	Leu	Ser	Leu	Ser	Thr	Arg	Arg	Lys	Ile	Leu	Arg	Asp	Gly	Gly
				130			135				140				
Glu	Leu	Glu	Val	Val	Arg										
				145			150								

&lt;210&gt; 11237

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11237

Pro	Leu	Met	Gln	Ile	Ala	Leu	His	Ala	Asn	Ile	Ile	Arg	Asp	Glu	Ile
1				5					10			15			
Gln	Cys	Ser	Asp	Leu	Ser	Phe	Met	Arg	Gln	Ser	Gly	Arg	Arg	Ser	Ser
				20			25				30				
His	Cys	Leu	Arg	Met	Phe	Ile	Lys	Lys	Thr	Gln	Lys	Thr	Pro	Ser	Ala
				35			40				45				
Glu	Leu	Arg	Leu	Ala	Leu	Lys	Arg	Gln	Gln	Glu	Met	Leu	Asp	Glu	Gln
				50			55			60					
Lys	Asp	Tyr													
	65														

&lt;210&gt; 11238

&lt;211&gt; 78

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11238

Thr	Phe	Leu	Leu	Asn	Val	Leu	Gly	Cys	Tyr	Arg	His	Ile	Thr	Gly	
1							5		10			15			
Lys	Ser	Pro	Leu	Met	Ile	Leu	Gln	Ile	Ile	Thr	Ile	Cys	Ile	Ser	Val
							20		25			30			
Val	Asn	Lys	Phe	Arg	Trp	Gly	Thr	Ser	Gly	Asn	Glu	Glu	Gly	Met	Glu
							35		40			45			
Trp	Val	Ala	Val	Gly	Asp	Arg	Arg	Ala	Ala	Arg	Arg	Gly	Gly	Asn	Val
							50		55		60				
Arg	Ala	Asp	Val	Pro	Ala	Gly	Arg	Tyr	Ser	Gly	Lys	Val			
							65		70		75				

&lt;210&gt; 11239

&lt;211&gt; 86

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11239

Asn	Gly	Met	Arg	Arg	Glu	Leu	Leu	Phe	Phe	Thr	His	His	Leu	Lys	Ile
1					5					10				15	
Val	Ile	His	Arg	Ile	Ala	Gly	Tyr	Ala	Gln	Gly	Leu	Arg	Arg	Val	Leu
					20				25				30		
Asp	Ala	Thr	Pro	His	Phe	Glu	Asn	Ala	Phe	Ser	Val	His	Phe	Ser	Asp
					35				40			45			
Tyr	Phe	Lys	Pro	Leu	Arg	Phe	Leu	Tyr	Leu	Phe	Ala	Arg	Asn	Arg	Met
					50				55			60			
Phe	Ile	Asp	Asp	Phe	Leu	Asp	Arg	Leu	Leu	Asn	Asp	Ala	Ala	Gln	Val
					65				70			75			80
His	Ile	Leu	Arg	Val											
					85										

&lt;210&gt; 11240

&lt;211&gt; 124

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11240

Tyr	Leu	Arg	Ile	Lys	Met	Lys	Phe	Leu	Thr	Leu	Ile	Val	Ala	Ile	Thr
1						5				10				15	
Leu	Leu	Thr	Ala	Cys	Gln	Leu	Val	Arg	Pro	Phe	Gly	Glu	Ala	Thr	Thr
						20				25			30		
Tyr	Lys	Pro	Phe	Thr	Val	Ser	Ala	His	Pro	Gly	Leu	Glu	Gly	Arg	Tyr
						35				40			45		
His	Cys	Met	Arg	Ser	Ala	Leu	Asp	Ala	Glu	Gly	Tyr	Glu	Val	Glu	His
						50				55			60		
Ile	Phe	Pro	Glu	Arg	Asp	Thr	Pro	Asn	Phe	Phe	Asp	Ile	Ser	Arg	Gly
						65				70			75		80
Ser	Arg	Leu	Ile	Ala	Gln	Val	Asp	Met	Ser	His	Thr	Thr	Gly	Ala	Asn
						85				90			95		
Phe	Leu	Asp	Ile	Thr	Leu	Ile	Ser	Gly	Ser	Lys	Gln	Thr	Asn	Glu	Asp
						100				105			110		
Leu	Ala	Arg	Val	Ile	Ala	His	Cys	Val	Ser	Arg					
						115				120					

&lt;210&gt; 11241

&lt;211&gt; 308

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11241

Thr	Gly	Thr	Ser	Ser	Cys	Leu	Tyr	Trp	Tyr	Trp	His	Tyr	His	Ala	Gly
1						5				10			15		
Asp	Val	Met	Ala	Leu	Met	Ser	Glu	Pro	Val	Thr	Ser	Leu	Gln	Asp	Asp
						20				25			30		
Thr	Arg	Lys	Gln	Leu	Gly	Ala	Phe	Leu	Arg	Ala	Arg	Arg	Glu	Ser	Leu
						35				40			45		
Asp	Pro	Gln	Arg	Leu	Gly	Leu	Pro	Arg	Ser	Gly	Arg	Arg	Arg	Thr	Pro
						50				55			60		
Gly	Leu	Arg	Arg	Glu	Glu	Val	Ala	Met	Leu	Ala	Asp	Val	Gly	Val	Thr
						65				70			75		80
Trp	Tyr	Thr	Trp	Leu	Glu	Gln	Gly	Arg	Glu	Val	Asn	Pro	Ser	Ser	Ala
						85				90			95		

Val Met Ala Ala Ile Ala Lys Ala Leu Gln Cys Thr Pro Thr Glu Ala  
     100                       105                       110  
 Arg His Leu Phe Val Leu Ala Gly Leu Pro Pro Gly Glu Ala Pro Gln  
     115                       120                       125  
 Ala Val Cys Cys Glu Gly Ile Ser Glu Gly Thr Arg Arg Leu Leu Asp  
     130                       135                       140  
 Thr Leu Met Pro Lys Pro Ala Ser Ile Gln Lys Pro Asn Phe Asp Ile  
     145                       150                       155                       160  
 Val Ala Trp Asn Asp Ser Phe Gly His Leu Met Gly Val Asp Phe Asn  
     165                       170                       175  
 Ala Ile Pro Pro Glu Asp Arg Asn Cys Ile Tyr Leu Phe Leu Thr His  
     180                       185                       190  
 Pro Ala Trp Arg Ala Arg Leu Gly Lys Arg Asp Asp Val Leu Pro Ile  
     195                       200                       205  
 Phe Val Ser Tyr Phe Arg Ala Ala Met Ala Glu His Arg Gly Asp Pro  
     210                       215                       220  
 Leu Trp Glu Ala Lys Leu Ala Arg Phe Phe Ala Val Ser Glu Glu Phe  
     225                       230                       235                       240  
 Lys Thr Leu Trp His Gln Arg Asn Asp Val Arg Gly Val Glu Asn Gln  
     245                       250                       255  
 Leu Lys Leu Phe Thr His Pro Glu Leu Gly Asp Phe His Leu Gln Gln  
     260                       265                       270  
 Met Tyr Trp Tyr Ser Ala Pro Arg Asn Gly Ser Arg Leu Leu Val Tyr  
     275                       280                       285  
 Leu Pro Val Asp Glu Ala Gly Glu Arg Ala Met Ala Trp Leu Ala Glu  
     290                       295                       300  
 Gln Gly Ile  
     305

&lt;210&gt; 11242

&lt;211&gt; 76

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11242

Arg Arg Asn His Pro Ile Tyr Asn Glu Cys Leu Leu Thr His Asn Ala  
     1                       5                       10                       15  
 Lys Ala Val Val Pro Gly His Asn Gly Arg Phe Val Leu Ala Lys His  
     20                       25                       30  
 Thr Trp Asn Asp Pro Leu Ile Gin Leu Ala Lys Ala Ser Lys Asp Lys  
     35                       40                       45  
 Asn Tyr Arg Leu Leu Thr Pro Glu Leu Gly Glu Pro Val Arg Val Ser  
     50                       55                       60  
 Asp Thr Thr Gln Gln Phe Arg Glu Trp Trp Glu  
     65                       70                       75

&lt;210&gt; 11243

&lt;211&gt; 64

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11243

Lys Gln Ala Leu Thr Pro Val Ser Ser Gln Pro Asp Phe Leu His Glu  
     1                       5                       10                       15  
 Thr Pro Ile Ala Lys Val Ala Leu Thr His Ile Phe His Ser Thr Ile  
     20                       25                       30  
 Asp Cys Tyr Asn Ser Ile Phe Leu Thr Leu Trp Gln Phe Tyr Tyr Ser  
     35                       40                       45  
 Ser Thr Met Leu Ile Ser Pro His Ser His Ser Trp Gly Phe Leu  
     50                       55                       60

&lt;210&gt; 11244

&lt;211&gt; 62

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11244

Ser	Val	Ala	Arg	Val	Leu	Pro	Arg	Gln	Asn	Ser	Ala	Asp	Asn	Glu	Val
1				5					10					15	
Pro	Tyr	Gln	Lys	Arg	Leu	Lys	Pro	Ala	Trp	Ile	Leu	Tyr	Trp	Asn	Ser
				20					25					30	
Leu	Leu	Asn	Arg	Val	Asn	Ile	Tyr	Leu	Thr	Phe	Ile	Asn	Lys	Val	Glu
				35					40					45	
Glu	Asp	Gly	His	Asp	Asp	Ala	Phe	Ile	Cys	Met	Arg	Leu			
	50				55					60					

&lt;210&gt; 11245

&lt;211&gt; 76

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11245

Leu	Thr	Ala	Asn	Ala	Phe	Ala	Val	Thr	Phe	Lys	Asn	Met	His	Ile	Val
1					5				10					15	
Ile	His	Ala	Val	Glu	Pro	Ser	Arg	Ala	Gln	Val	Gly	Ala	Val	Thr	Thr
				20					25					30	
Met	Gln	Thr	Ala	Val	Gly	Met	Glu	Lys	Asn	Ile	Pro	Phe	Gly	Ser	Leu
				35					40					45	
Ser	Phe	Arg	Ile	Cys	Ala	Pro	Gly	Thr	Thr	His	Leu	Ala	Ala	Phe	Lys
	50				55					60					
Lys	Asp	Asp	Ala	Ala	Asp	Thr	Arg	Pro	Val	Met					
	65				70					75					

&lt;210&gt; 11246

&lt;211&gt; 73

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11246

Thr	Pro	Ile	Ser	Leu	Pro	Ser	Thr	Leu	Pro	Leu	Lys	Gly	Lys	Ser	Ser
1					5				10					15	
Cys	Thr	Cys	Ser	Ala	Ser	His	Thr	Pro	Ile	Gln	Leu	Ile	Thr	Ile	Leu
					20				25					30	
Gln	Ala	Phe	Val	Ser	Tyr	Met	Lys	Leu	Cys	Phe	Leu	Phe	Asn	Thr	Val
					35				40					45	
Asn	Ile	Lys	Ala	Met	Asn	Val	Ser	Ser	Asp	Asn	Val	Thr	Asn	Leu	
	50				55				60						
Leu	Ile	Asp	Gln	Gln	Leu	Ile	Asn								
	65				70										

&lt;210&gt; 11247

&lt;211&gt; 86

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11247

Ala	Glu	Asn	Asp	Gly	Ser	Leu	Ser	Gly	Ile	Thr	Ser	Thr	Ala	Ala	Ser
1					5				10					15	
Ala	Glu	Thr	Asp	His	Lys	Pro	Lys	Leu	Lys	Val	His	Cys	Leu	Thr	Arg
					20				25					30	
Leu	Glu	Val	Ala	Thr	Arg	Cys	Val	His	Arg	Ala	Ile	Leu	Tyr	Glu	
					35				40					45	

Pro Arg Ala Ala Phe Tyr Thr Glu Lys Val Ala Lys Lys Gln Asn Lys  
 50 55 60  
 Asn Ala Gln Val Ala Ser Val Val Arg Lys Asn Phe Gln Gln Arg Phe  
 65 70 75 80  
 Gln Arg Asn Glu Arg  
 85

&lt;210&gt; 11248

&lt;211&gt; 67

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11248

Lys Ser Cys Leu Leu Val Arg Met Phe Gly Lys Arg Ala Leu Ser Lys  
 1 5 10 15  
 Val Lys Ala Ser Met Gln Ala Trp Glu Arg Ser Gly Leu Gln Gln Ile  
 20 25 30  
 Asp Ala Val Leu Gln Ser Ala Ser Leu Ile Lys Arg Ile Asp Asp His  
 35 40 45  
 Ala Ser Leu Ser Ile Phe Ser Pro Gly Ala Gly Leu Val Arg Gln Ile  
 50 55 60  
 Arg Ala  
 65

&lt;210&gt; 11249

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11249

Ala Val His Ser Val Lys Lys Val Arg Ile Cys Gly Pro Phe Phe Met  
 1 5 10 15  
 Leu Phe Gln Tyr Pro Ala Ile Pro Asp Phe Val Ile Cys Leu Ala Lys  
 20 25 30  
 Pro Val Leu Phe Val Tyr Pro Leu Leu Thr Cys Leu Ser Pro Trp Gly  
 35 40 45  
 Met Asp Phe Val Phe Trp Phe Asn Lys Arg Lys Asn Lys Trp Asn Asn  
 50 55 60  
 Leu Met Leu  
 65

&lt;210&gt; 11250

&lt;211&gt; 107

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11250

Gly Asp Arg Gly Met Ser Asp Thr Leu Asn Tyr Asn Pro Ala Leu Pro  
 1 5 10 15  
 Glu Ser Arg Gln Phe Thr Pro Pro Ala Glu Gly Gly Asn Gly Ala Ile  
 20 25 30  
 His Lys Pro Gly Asp Tyr Thr Asn Leu Ile Trp Gln Thr Arg Ser Arg  
 35 40 45  
 Glu Pro Glu Ser Trp Glu Val Lys Leu Ile Ala Thr Leu Glu Asp Leu  
 50 55 60  
 Phe Glu Gln Gly Val Glu Thr Leu Pro Glu Leu Val Ser Gly Leu Asn  
 65 70 75 80  
 Ala Val Arg Met His Asp Gln Gln Gly Glu Pro Trp Ser Asp Ala Ser  
 85 90 95  
 Phe Arg Ala Phe Leu Gln Val Asn Gly Tyr  
 100 105

<210> 11251  
<211> 314  
<212> PRT  
<213> Enterobacter cloacae

<400> 11251

Ile	Gln	Glu	Cys	Glu	Met	Thr	Asn	Thr	Gly	Phe	Ile	Ile	Gly	Ala	Tyr
1					5				10					15	
Pro	Cys	Ala	Pro	Ser	Phe	His	Gln	Lys	Gly	Glu	Gln	Glu	Glu	Tyr	Thr
					20				25					30	
Phe	Trp	Arg	Glu	Leu	Ser	Asp	Thr	Pro	Asn	Ile	Arg	Gly	Leu	Glu	Gln
					35				40					45	
Pro	Cys	Leu	Glu	Asn	Leu	His	Pro	Phe	Gly	Asp	Glu	Trp	Leu	Phe	Arg
					50				55					60	
His	Thr	Pro	Gly	Asn	Trp	Gln	Ile	Val	Val	Thr	Ala	Val	Met	Glu	Thr
					65				70					80	
Met	Arg	Arg	Arg	Gly	Ser	Asn	Gly	Ala	Phe	Gly	Leu	Ala	Ser	Ala	Asp
					85				90					95	
Glu	Glu	Gln	Arg	Lys	Ala	Cys	Ile	Glu	Tyr	Tyr	Arg	His	Leu	His	Gln
					100				105					110	
Lys	Ile	Asp	Ala	Val	Asn	Thr	Arg	Phe	Pro	Gly	Lys	Val	Val	Ala	Leu
					115				120					125	
Glu	Met	Gln	Ala	Ala	Pro	Gln	Ala	Gly	Asn	Glu	Ser	Val	Glu	Gln	Ala
					130				135					140	
Thr	Glu	Ala	Phe	Ser	Arg	Ser	Val	Arg	Glu	Ile	Ala	Ser	Trp	Asp	Trp
					145				150					160	
Gly	Cys	Asp	Leu	Val	Leu	Glu	His	Cys	Asp	Ala	Met	Asn	Gly	Pro	Ala
					165				170					175	
Pro	Arg	Lys	Gly	Phe	Leu	Pro	Leu	Glu	Gln	Val	Leu	Glu	Val	Val	Lys
					180				185					190	
Glu	Thr	Asp	Ile	Ser	Val	Cys	Ile	Asn	Trp	Ala	Arg	Ser	Ala	Ile	Glu
					195				200					205	
Gly	Arg	Asn	Thr	Ala	Leu	Pro	Leu	Glu	His	Val	Gln	Ala	Ala	Leu	Ala
					210				215					220	
Ala	Gly	Lys	Leu	Gly	Ala	Leu	Met	Phe	Ser	Gly	Thr	Thr	Pro	His	Gly
					225				230					240	
Glu	Tyr	Gly	Glu	Trp	Gln	Asp	Leu	His	Ala	Pro	Phe	Ser	Ser	Phe	Cys
					245				250					255	
Ala	Asp	Ser	Leu	Met	Ser	Ile	Glu	His	Val	Lys	Ala	Leu	Phe	Thr	Ala
					260				265					270	
Ala	Ser	Ala	Ala	Thr	Leu	Lys	Phe	Ser	Gly	Ile	Lys	Leu	Leu	Glu	Ile
					275				280					285	
Asn	Ala	Asn	Ala	Asp	Val	Ser	His	Arg	Ile	Ala	Ile	Leu	Arg	Asp	Gly
					290				295					300	
Ile	Ser	Ala	Met	Asn	Lys	Ala	Ser	Gln							
					305				310						

<210> 11252  
<211> 111  
<212> PRT  
<213> Enterobacter cloacae

<400> 11252

Gln	Pro	Leu	Thr	Arg	Ala	Val	Ile	Lys	Met	Met	Met	Lys	Arg	Gly	Val
1							5		10				15		
Ser	Leu	Phe	Leu	Leu	Leu	Leu	Leu	Thr	Gly	Cys	Ser	Ala	Ser	Glu	Glu
							20		25				30		
Ile	Pro	Val	Gln	Lys	Ala	Gln	Gln	Gly	Lys	Met	Ser	Pro	Glu	Arg	Ser
							35		40				45		
Leu	Asn	Met	Glu	Gln	Leu	Cys	Arg	Asp	Gln	Ala	Ala	His	Arg	Tyr	Asn

50	55	60
Ser	Glu Ala Gln Lys Ile His Ile Asn Gly Phe Glu Arg Phe Gln Gly	
65	70	75
Ser	Tyr Glu Leu Lys Gly Tyr Thr Ala Arg Lys Glu Gly Phe Val Cys	80
	85	90
Ser	Phe Asp Ala Asp Gly Gln Phe Leu His Leu Ser Met Arg	95
	100	105
		110

&lt;210&gt; 11253

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11253

Arg	Lys Gln Arg Ile Gly Pro Met Pro Ala Ile Pro Gly Gln Thr Lys		
1	5	10	15
Arg	Asn Lys Asn Ser Pro Ile His His Asn Ile Arg Leu Ile Met Lys		
	20	25	30
His	Ile Gly Pro Tyr Ser Leu Ala Leu Cys Phe Ala Tyr Asn Pro Ala		
	35	40	45
Leu	Glu Ser Tyr Lys Asn Lys Cys Ala Tyr Lys Cys Asn Tyr Arg Tyr		
	50	55	60
Asp	His Ala Asn Ala Arg Ile Val His Arg		
65	70	75	

&lt;210&gt; 11254

&lt;211&gt; 159

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11254

Ala	Pro Val Arg Phe Ala Ser Gly Ile Met Lys Thr Gly Asp Ile Ala		
1	5	10	15
Arg	Pro Val Asp Ile Gln Phe Lys Ser Val Gly Ala Ile Asp Asp Val		
	20	25	30
Leu	Gln His Gln Ile Val Asn Arg Gly Val Gly Val Phe Val Phe Ser		
	35	40	45
Ala	Asp Val Glu Gln Val Ser Ala Arg Asp Ala Val Gly Thr Val Val		
	50	55	60
Glu	Asp Val Gln Ala Ile Ala Pro Pro His Gln His Gln Leu Ala Lys		
65	70	75	80
Leu	Val Gly Val Leu Gly Glu Asp Val Leu Arg Val Ala Val Gly His		
	85	90	95
Arg	Asp Gly Leu Thr Arg Gly Lys Lys Ile Ile Phe Ala Lys Asn		
	100	105	110
Glu	Leu Ser Ser His Thr Thr Thr Ser Thr Ala Asn Asn Arg Thr Leu		
	115	120	125
Leu	Ala Phe Leu Gln Gln Lys Asn Gly Asp Cys Pro Arg Val Thr Glu		
	130	135	140
Ala	Thr Arg Leu Ser Pro Asp Glu Tyr Arg Ala Ala Thr Ser		
145	150	155	

&lt;210&gt; 11255

&lt;211&gt; 139

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11255

Arg	Arg Ser Val Val Ala Gly Arg Arg Thr Val Cys Ala Gly Gly Ser		
1	5	10	15
Ala	Gly Thr Ala Leu Phe Ala Arg Pro Cys Arg Glu Glu Lys Ile Met		

20	25	30
Glu Asn Met Thr Val Phe Ile Leu Gly Ile Ala Ile Leu Ser Ala Gly		
35	40	45
Thr Tyr Leu Met Arg Leu Gly Gly Ala Lys Leu Gly Asn Arg Leu Ala		
50	55	60
Leu Ser Glu Arg Ser Gln Ala Leu Leu Ser Asp Ala Ala Thr Val Leu		
65	70	75
Leu Phe Ser Val Ala Leu Ala Thr Thr Phe Tyr Glu Gly Asp His Phe		80
85	90	95
Ala Gly Met Ala Arg Val Leu Gly Val Gly Phe Ala Val Phe Leu Ala		
100	105	110
Trp Arg Lys Met Pro Leu Ile Val Val Ile Val Ala Ala Val Val		
115	120	125
Thr Ala Leu Leu Arg Leu Ala Gly Ile Asn		
130	135	

&lt;210&gt; 11256

&lt;211&gt; 72

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11256

Arg Asn Asp Ser Thr His Asn His Tyr Leu Met Gln Lys Arg Ala Leu		
1	5	10
Trp Arg Glu Asn Ala His Phe Ile Asp Thr Asp His Thr Phe Arg Phe		15
20	25	30
Arg Tyr Phe Ser Phe Val Leu Val Asn Asp Lys Leu Thr Leu Cys Leu		
35	40	45
Gln Gly Ile Val Thr Val Thr Gly Gly His Ala Asn Asn Lys His Tyr		
50	55	60
Ser Phe Ala Gly Phe Arg Leu		
65	70	

&lt;210&gt; 11257

&lt;211&gt; 68

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11257

Pro Tyr Lys Asn Tyr Gly Ile Asp Asn His Phe Gln Tyr His Leu Ile		
1	5	10
Asn Tyr Asn Glu Pro Thr Ala Tyr Ala Ala Leu Thr Ala Val Pro Pro		15
20	25	30
Asp Asn Asn Gly Glu Asp Tyr Glu Leu Tyr Thr Ala Ile Pro Ala Val		
35	40	45
Cys Leu Arg Arg Thr Gly Thr Ala Phe Arg Gln Ala Asp Asp Gly Asn		
50	55	60
Pro Ser His		
65		

&lt;210&gt; 11258

&lt;211&gt; 113

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11258

Arg Ser Val Ser Pro Ser Ala Val Ser Gly Gly Ile Ile His Gln Leu		
1	5	10
Asp Gln Asn Asp Ala Glu Ala Ala Asp Lys Arg Gln Asp Arg Glu Gln		15
20	25	30
Phe Ala Glu Ile Met Gly Glu Ile Val Pro Ala Glu Ser Arg Pro Gly		

35	40	45
Lys Ala Lys Pro Pro Pro Gly Thr Tyr Gly Tyr Glu Arg Leu Tyr Ser		
50	55	60
Gly Ser His Ser Val Asn Leu Ser Pro Pro Ser Gly Leu Ser Ser Ala		
65	70	75
Phe Thr Gln Pro Arg Cys Cys Cys Met Ala Val Ser Thr Ile Ala Ser		80
85	90	95
Pro Ser Pro Val Pro Pro Asp Ser Arg Ser Arg Ala Ser Ser Val Arg		
100	105	110

&lt;210&gt; 11259

&lt;211&gt; 67

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11259

Pro Met Asn Pro His Asn Val His Leu Arg Cys Ser Ala Ser Val Ala		
1	5	10
Val Leu Arg Asp Glu Glu Asn Pro Ile His Gln Gly Phe Ala Lys Pro		15
20	25	30
Asp Ser Glu Thr Lys Arg Lys Val Phe Phe Val Thr Val Arg Tyr Asn		
35	40	45
Ser Pro Ser His Ser Arg His Ser Ile Gln Gly Arg Val Val Cys Ser		
50	55	60
Lys Cys		
65		

&lt;210&gt; 11260

&lt;211&gt; 69

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11260

Pro Asp Ser Leu Ser Phe Pro Glu Tyr Thr Leu Leu Gly Asp Thr Ala		
1	5	10
Ile Lys Ala Gln Pro Gln Val Trp Val Asn Ser Ala Lys Cys Lys Ile		15
20	25	30
Pro Ser Met Leu Thr Leu Ile Tyr Val Ile Lys Asn Asn Ala Phe Ile		
35	40	45
Tyr Arg Ile Asp Asn Tyr Arg Lys Asn Ile Gln Lys Lys Arg Lys Lys		
50	55	60
Gly Leu Phe Arg		
65		

&lt;210&gt; 11261

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11261

Ile Arg Leu Val Leu Ile Met Ala Ser Ile Ser Thr Ile Cys Pro Thr		
1	5	10
Val Pro Glu Lys Tyr Asp Ser Tyr Phe Phe Ile Gly Glu Phe Arg Gly		15
20	25	30
Leu Gly Glu Gly Met Ser Gly Gly Ala Ala Leu Thr Thr Thr Tyr Gly		
35	40	45
Thr Val Gly Pro Cys Lys Arg Ser Ala Ala Gly Gln Phe Lys Gln Thr		
50	55	60
Thr Pro Ser Ala Ala		

65

70

&lt;210&gt; 11262

&lt;211&gt; 73

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11262

Leu	Val	Arg	Lys	Ile	Gly	Ala	Ile	Leu	Thr	Val	Gln	Ala	Asn	Val	Cys
1				5				10						15	
Glu	Pro	Ile	Leu	Gly	Val	Gly	Ile	Phe	Phe	Ser	Val	Arg	Pro	Val	Gln
		20					25							30	
Gly	Asn	Lys	Leu	Asp	Ser	Val	His	Glu	Asn	Glu	Thr	Gly	Phe	Gly	Asp
	35				40						45				
Leu	Leu	Ala	Thr	Ala	Ile	Pro	Phe	Ala	His	His	Gln	Thr	Glu	Thr	Gly
	50				55		55		60						
Phe	Cys	Asn	Cys	Phe	Cys	Arg	Lys								
	65			70											

&lt;210&gt; 11263

&lt;211&gt; 98

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11263

Gly	Lys	Asp	Arg	Asn	Ala	Gly	Met	Lys	Met	Ala	Leu	Ala	Gln	Arg	Val
1					5				10				15		
Leu	Leu	Pro	Val	Val	Arg	His	His	Thr	Gly	Asn	Phe	Ala	Gly	Ala	Thr
		20					25						30		
Thr	Asp	Thr	Leu	Leu	Ser	Val	Gly	His	Asn	Lys	Thr	Ile	His	Asn	Asn
	35				40						45				
Thr	Cys	Phe	Trp	Phe	Asn	Asn	Leu	Ile	Leu	Ser	Ile	Val	Ile	Val	Phe
	50				55		55		60						
Thr	His	Ser	Ser	Met	Ala	Thr	Gln	Cys	Ser	Asn	Ala	Gln	Glu	Gly	Glu
	65			70					75				80		
Leu	Phe	Pro	Val	Asn	Leu	Trp	Gln	Ile	Asn	Leu	Ile	Gln	Glu	Ala	Asp
				85					90				95		
Glu															

&lt;210&gt; 11264

&lt;211&gt; 72

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11264

Arg	Leu	Thr	Gly	Ser	Ser	Gly	Phe	Asp	Ser	Thr	Pro	Arg	Thr	Phe	Asp
1						5			10				15		
Gln	Pro	Arg	Leu	Lys	Lys	Leu	Leu	Gln	Leu	Ala	Tyr	Leu	Gln	Ala	Asp
		20					25						30		
Gly	Gly	Leu	Gly	Asn	Thr	His	Tyr	Ile	Cys	Cys	Arg	Arg	Lys	Ala	Ala
	35				40						45				
Ala	Leu	Asn	Asp	Gln	Thr	Lys	Ser	Gly	Glu	Val	Ser	Gln	Ile	Glu	Arg
	50				55			55	60						
Arg	His	Ala	Lys	Phe	Leu	Leu									
	65			70											

&lt;210&gt; 11265

&lt;211&gt; 160

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11265

Gly	Glu	Thr	Gln	Met	Ile	Arg	Arg	Tyr	Phe	Leu	Leu	Pro	Val	Phe	Ala
1					5					10					15
Leu	Thr	Ser	Phe	Ala	Gly	Ala	Leu	Ala	Ala	Pro	Leu	Asp	Gly	Leu	Ser
					20					25					30
Ala	Ala	Asp	Val	Asn	Gly	Pro	Ala	Ala	Val	Ala	Pro	Gln	Glu	Lys	Pro
					35					40					45
Gln	Pro	Pro	Ala	Lys	Leu	Ile	Val	Asp	Pro	Pro	Leu	Ala	Gly	Pro	Leu
					50					55					60
Ser	Lys	Gly	Ala	Val	Phe	Ile	Gln	Tyr	Arg	Val	Glu	Asn	Leu	Arg	Ile
					65					70					80
Glu	Pro	Val	Phe	Gly	Pro	Asp	Ala	Leu	Lys	Val	Thr	Pro	Arg	Ile	Gly
					85					90					95
His	Ile	His	Val	Val	Val	Asp	Asp	Ala	Pro	Trp	His	Trp	Ala	Asp	Thr
					100					105					110
Ser	Gly	Glu	Pro	Val	Ile	Leu	Val	Gly	Leu	Pro	Ala	Gly	Lys	His	Lys
					115					120					125
Val	Thr	Ile	Ile	Val	Ala	Asp	Pro	Thr	His	Lys	Pro	Ile	Asp	His	Lys
					130					135					140
Thr	Val	Glu	Phe	Thr	Val	Pro	Pro	His	Ala	Ala	Val	His	His	Phe	
					145					150					160

&lt;210&gt; 11266

&lt;211&gt; 66

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11266

Val	Tyr	Trp	Gln	Phe	Lys	Gln	Gly	Gly	Gln	Leu	Cys	Leu	Lys	Asp	Glu
1					5					10					15
Arg	Leu	Phe	Ser	Leu	Gln	Leu	Phe	Val	Glu	Leu	Trp	Arg	Ile	Val	Asn
					20					25					30
Pro	Glu	Lys	Phe	Arg	Met	Cys	Tyr	Ile	Pro	Leu	Lys	Asp	Ile	Ser	Ser
					35					40					45
Lys	Ile	Leu	Asn	Ile	Lys	Ser	Thr	Lys	Glu	Gln	Lys	Asp	Ser	Leu	Trp
					50					55					60
Leu															
															65

&lt;210&gt; 11267

&lt;211&gt; 283

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11267

Pro	Ser	Ser	Leu	Leu	Thr	Arg	Arg	Ile	Ser	Pro	Ser	Thr	Ile	Lys	Pro
1						5					10				15
Leu	Ser	Ser	Pro	Cys	Arg	His	Thr	Pro	Arg	Phe	Ile	Thr	Phe	Lys	Glu
						20					25				30
Pro	Val	Met	Lys	Ala	Leu	Ser	Val	Leu	Thr	Ala	Ala	Leu	Leu	Ala	Val
						35					40				45
Ser	Thr	Ser	Ala	Leu	Ala	Glu	Thr	Lys	Ala	Ser	Val	Val	Leu	Val	His
						50					55				60
Gly	Ala	Phe	Ala	Asp	Gly	Ser	Ser	Trp	Asn	Lys	Val	Ile	Thr	Arg	Leu
						65					70				80
Gln	Lys	His	His	Asn	Glu	Val	Ile	Ala	Val	Gln	Leu	Pro	Leu	Thr	Ser
						85					90				95
Leu	Lys	Asp	Asp	Val	Ala	Ala	Thr	Gln	Arg	Ala	Ile	Ala	Arg	Ala	His
											100				110
Gly	Asp	Val	Val	Leu	Val	Gly	His	Ser	Trp	Gly	Gly	Ser	Val	Ile	Ser

115	120	125
Glu Ala Gly Asn Asn Ala Arg	Val Lys Ser Leu Val	Tyr Val Ala Ala
130	135	140
Phe Ala Pro Asp Ser Gly Gln	Ser Thr Ala Asp	Leu Ala Asp Ser Tyr
145	150	155
Pro Ala Pro Pro Gly Ser Ala	Ser Leu Ala Lys	Thr Ser Glu Gly Tyr
165	170	175
Leu Tyr Leu Pro Thr Lys Ala Val	Ser Glu Asn Phe	Ala Pro Asp Val
180	185	190
Lys Asp Val Glu Arg Ser Val	Ile Ala Ala Thr Gln	Ser Pro Ile Lys
195	200	205
Ala Asp Ala Phe Gly Glu Lys	Val Ala His Ala Ala	Trp His Asp Lys
210	215	220
Pro Ser Trp Tyr Val Ile Ser Lys Asn Asp	Arg Met Ile Asn	Pro Glu
225	230	235
Leu Glu Arg Ala Met Ala Lys Lys	Ile Asn Ala Asn	Thr Thr Glu Val
245	250	255
Ala Ala Ser His Val Ser Met Val	Ser Gln Pro Asp Val	Val Val Thr Arg
260	265	270
Thr Ile Glu Gln Ala Leu Ser Gly	Gln Gln	
275	280	

&lt;210&gt; 11268

&lt;211&gt; 411

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11268

Ser His Cys Pro Arg Pro Arg Gln Arg	His Pro Tyr His Arg Cys Ile		
1	5	10	15
Arg Leu Leu Lys Gly Glu Met Met	Lys Thr Ile His Leu Thr Gln Gly		
20	25	30	
Gln Ala Arg Thr Arg Leu Ile Ala Pro Asp Asp Met	Val Ser Cys Asn		
35	40	45	
Leu Ala Phe Ile Asp Cys Lys Leu Pro Gly Ser His	Leu Lys Gln Asn		
50	55	60	
Tyr Ser Phe Ile Gly Pro Gly Val Thr Gln Ser Ser	Glu Gln Val Val		
65	70	75	80
Asn Ile Pro Glu Pro His Gly Phe Asn Ile Gly Ala	Ala Ala Met Pro		
85	90	95	
Lys Gly Val Thr Asn Asn Leu His Leu His Phe Thr	Ala Glu Val Phe		
100	105	110	
Leu Ile His Glu Gly Thr Trp Arg Phe Arg Trp Gly	Ala Asn Gly Glu		
115	120	125	
His Glu Ala Glu Phe Ser Ala Pro Thr Ile Leu Ser	Ile Pro Thr Trp		
130	135	140	
Ile Phe Arg Gly Phe Thr Asn Val Ser Lys Glu Asp	Thr Cys Gly Met		
145	150	155	160
Val Phe Thr Val Leu Gly Gly Asp Asn Thr Gly	Gly Ile Ile Trp His		
165	170	175	
Pro Ser Val Leu Ala Thr Ala Ser Glu Tyr Gly	Met Tyr Leu Ser Lys		
180	185	190	
Asp Asn Met Leu Ile Ala Gln Glu Pro Gly Glu	Pro Thr Pro Asp Pro		
195	200	205	
Ala Ala Leu Leu Thr Pro Leu Ser Glu Gln Tyr	Ile Ala Ser Leu Arg		
210	215	220	
Asp Tyr Ser Val Glu Glu Met Arg Gln Arg Ala Val	Thr Gly Asp Asp		
225	230	235	240
Arg Arg Trp Ser Ala Gln Gly Leu Leu Asp Ser Val	Leu Pro Gly His		
245	250	255	
Gly Gly Glu Ile Ala Pro Val Ile Gly Phe	Gly Ile Ser Gln Asp Arg		

260	265	270
Asp Ser Ala Pro Ala Ile Leu Ser Pro His Gly Phe Ser Val Glu Trp		
275	280	285
Leu Arg Leu Ala Asp Asp His Ile Val Gly Arg His Leu Cys Pro Asp		
290	295	300
Ile Gln Val Ile Met Val Phe Lys Gly Gln Leu Glu Val Thr Trp Asn		
305	310	315
Glu Ala Gly Glu Glu Val Ser Ile Ile Ala Pro Glu Arg Ser Val Ile		
325	330	335
Ser Ile Pro Ala Asn Ser Trp Arg Arg Tyr Arg Ala Val Asp Gly Asn		
340	345	350
Val Glu Phe Ile Leu Thr Thr Arg Gly Asp Gln Arg Lys Arg Leu Tyr		
355	360	365
Trp Asp Glu Ala Ile Leu His Glu Ala Arg Glu His Asn Arg Cys Ile		
370	375	380
Asp Pro Asp Gly Tyr Val Ala Asp Ala Asp Ile Leu Pro Ala Thr Ala		
385	390	395
Cys Arg Ala Gly Ala Ile Leu Glu Lys Trp		
405	410	

&lt;210&gt; 11269

&lt;211&gt; 201

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11269

Arg Arg Gly Glu Arg Met Arg Lys Arg Asp Ala Leu Leu Ser Ala Arg		
1	5	10
		15
Ser Tyr Leu Thr Ile Leu Leu Gly Phe Leu Leu Gly Phe Ala Ile Val		
20	25	30
Val Trp Val Glu Lys Gln Met Pro Thr Arg Val Glu Ser Ser Ala Gly		
35	40	45
Ile Ser Leu Ser Asn Asp Phe Pro Pro Leu Pro Ala Pro Arg Glu Leu		
50	55	60
Thr Phe Glu Glu Ala Ile Trp Ala Arg Val Ala Trp Gln Tyr Tyr Val		
65	70	75
		80
Asn Asn Thr Gln Pro Asn Gly Leu Ala Asn Ala His Asp Gly Glu Pro		
85	90	95
Trp Leu Ser Leu Trp Ser Thr Gly Ser Tyr Leu Phe Ala Val Ala Ala		
100	105	110
Ala Arg Gln Leu Asn Val Leu Thr Ser Glu Glu Phe Asp Glu Arg Ile		
115	120	125
Ala Ala Ala Leu Ala Ala Leu Ala Ser Leu Pro Leu Asn Pro Gln Gly		
130	135	140
Leu Pro Pro Pro Ile Thr Met Pro Thr His Leu Arg Pro Trp Ala Tyr		
145	150	155
		160
Arg Thr Pro Arg Leu Ser Ala Trp Ala Ala Cys Leu Thr Pro Cys Lys		
165	170	175
Arg Cys Cys Gly Ala Ile Leu Ser Thr Leu Ala Pro Tyr Ala Ile Cys		
180	185	190
Ser Ile Ala Gly Arg Trp Ala Pro		
195	200	

&lt;210&gt; 11270

&lt;211&gt; 478

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11270

Tyr Gly Arg Ala Cys Glu Thr Ala Ala Gly Asp Arg Thr Met Leu Lys		
1	5	10
		15

Thr Leu Ala Arg Trp Leu Ala Ala Ala Val Leu Ile Leu Ile Ala  
     20                       25                       30  
 Phe Ala Leu Phe Ser Cys Glu Ser Ala Gly Trp Arg Trp Leu Thr Lys  
     35                       40                       45  
 Gly Gly Trp His Thr Thr Ala Arg Ile Ser Ser Leu Thr Pro Gln Glu  
     50                       55                       60  
 Arg Glu Trp Ala Gly Ile Ala Trp Arg Tyr Phe Glu Asn Asn Thr Gln  
     65                       70                       75                       80  
 Pro Gln Thr Gly Leu Val Asn Gly Ser Asp Lys Gln Pro Arg Val Thr  
     85                       90                       95  
 Leu Trp Gln Met Gly Asp Thr Leu Ile Ala Leu Leu Ala Ala Arg Glu  
     100                       105                       110  
 Leu Gly Leu Ile Gln Ala Ala Glu Phe Asp Ala Arg Leu Thr Arg Leu  
     115                       120                       125  
 Leu Gly Thr Leu Asn Arg Leu Thr Leu Thr Glu Thr Arg Thr Pro Gly  
     130                       135                       140  
 Arg Leu Tyr Ser Ser Arg Thr Ala Thr Pro Ile Asp Phe Thr Gly Lys  
     145                       150                       155                       160  
 Pro Ala Gln Arg Gly Trp Ser Ala Lys Asp Met Ala Arg Leu Met Leu  
     165                       170                       175  
 Ala Leu Arg Leu Thr Ala Glu Arg Ala Pro Glu Tyr Arg Glu Tyr Leu  
     180                       185                       190  
 Glu Lys Ile Ile Leu Arg Trp Asn Phe Cys Pro Val Met Asp Lys Asp  
     195                       200                       205  
 Gly Glu Leu Trp Ser Ala Ser Glu Gln Asn Glu Gln Leu Leu Val Arg  
     210                       215                       220  
 Asp Glu Leu Arg Leu Gly Glu Ser Glu Tyr Ala Ala Ser Ala Phe Arg  
     225                       230                       235                       240  
 Leu Trp Gly Phe Pro Ala Gly Lys Ala Phe Ser Pro Pro Ser Gln Asn  
     245                       250                       255  
 Val Ile Met Tyr Gln Arg Ser Leu Ala Val Asp Ala Arg Asp Pro Arg  
     260                       265                       270  
 Thr Thr Trp Gln Pro Ser Leu Leu Ser Thr Leu Pro Ala Met Leu Pro  
     275                       280                       285  
 Gly Leu Glu Phe Gly Trp Gln Pro Pro Gly Val Ala Ser Asp Ile His  
     290                       295                       300  
 Lys Thr Leu Arg Ala Arg Ala Glu Ala Val Trp Leu Ser Gln Lys Thr  
     305                       310                       315                       320  
 Arg Trp Glu Arg Glu Arg Ala Leu Thr Ala Arg Ala Asp Phe Tyr Leu  
     325                       330                       335  
 Ser Gln Ala Pro Trp His Val Glu Asp Thr Val Trp Gly Asn Gly Tyr  
     340                       345                       350  
 Ala Trp Asn Thr Leu Gly Asp Asp Gly Lys Ser Tyr Pro Arg Leu Ala  
     355                       360                       365  
 Gln Val Thr Thr Lys Ala Val Phe Met Leu Trp Thr Leu Trp Glu Asn  
     370                       375                       380  
 Glu Tyr Thr Asp Ala Leu Met Ala Ile Thr Arg His Leu Asn Asn Pro  
     385                       390                       395                       400  
 Gln Gln Gly Trp Phe Glu Gly Arg Val Glu Ala Thr Gly Asp Ile Asn  
     405                       410                       415  
 Pro Thr Leu Thr Leu Ser Thr Asn Ala Met Val Leu Glu Ala Leu Leu  
     420                       425                       430  
 Tyr Lys His Asn Ala Gly Pro Leu Phe Glu Asn Gly Leu Val Lys Asn  
     435                       440                       445  
 Asp Gly Tyr Phe Ala Arg Arg Thr Ser Asp Pro Phe Asn Pro Pro Gly  
     450                       455                       460  
 Leu Cys Leu Pro Gly Glu Arg Ala Leu Arg Ala Ala Pro  
     465                       470                       475

<210> 11271  
 <211> 63

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11271

Gly	Gly	Ala	Met	Phe	Ser	Val	Gly	Asp	Tyr	Val	Gln	Pro	Arg	Gln	Gly
1				5					10					15	
Gly	Pro	Lys	Leu	Lys	Val	Leu	Glu	Val	Asn	Gly	Glu	Asn	Ile	Val	Ala
				20				25					30		
Val	Gln	Ala	Ser	Asp	Glu	Gln	Ser	Glu	Lys	Tyr	His	Leu	Lys	Ala	Ala
				35			40				45				
Asp	Val	Val	Leu	Tyr	Ser	Glu	Glu	Gly	Asp	Phe	Gly	Val	Cys		
				50			55				60				

&lt;210&gt; 11272

&lt;211&gt; 555

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11272

Cys	Arg	Tyr	Gln	Cys	Gly	Arg	Pro	Arg	Lys	Pro	Gly	Val	His	Cys	Pro
1				5				10					15		
Arg	Ser	Asp	Ala	Leu	Ser	Gly	Leu	Pro	Trp	Pro	Arg	His	Ser	Pro	Asn
				20				25				30			
Leu	Phe	Ser	Arg	Ser	Glu	Ala	Met	Lys	Leu	Lys	Ser	Ile	Leu	Phe	Phe
				35			40				45				
Pro	Leu	Leu	Ala	Gly	Leu	Val	Ala	Cys	Trp	Leu	Ser	Leu	Ser	Ala	Ala
				50			55				60				
Gln	Ala	Ala	Ala	Gly	Leu	Pro	Ala	Ser	Asp	Tyr	Pro	Pro	Arg	Ser	Gly
				65			70			75			80		
Glu	Leu	Thr	Pro	Arg	Glu	Met	Thr	Ile	Ala	Lys	Asn	Ala	Trp	Gln	Tyr
				85				90				95			
Phe	Val	Ala	Asn	Tyr	Gln	Pro	Thr	Thr	Gly	Leu	Val	Asn	Ala	Val	Asn
				100			105					110			
Lys	Tyr	Pro	Ser	Thr	Thr	Met	Trp	Asp	Ser	Ala	Ser	Tyr	Met	Ala	Ala
				115			120				125				
Met	Thr	Ala	Ala	Arg	Glu	Leu	Gly	Ile	Ile	Asp	Lys	Ala	Glu	Phe	Asp
				130			135				140				
Arg	Arg	Met	Leu	Lys	Leu	Leu	Ala	Thr	Leu	Asn	Lys	Leu	Asp	Leu	Phe
				145			150			155			160		
Arg	Asn	Glu	Leu	Pro	Asn	Lys	Ala	Tyr	Asn	Thr	Ile	Thr	Gly	Gln	Lys
				165				170			175				
Val	Asn	Tyr	Gln	Asn	Lys	Pro	Gly	Glu	Ile	Gly	Phe	Ser	Ala	Leu	Asp
				180			185				190				
Ile	Gly	Arg	Met	Leu	Ile	Trp	Leu	Lys	Val	Ile	Lys	Glu	Arg	Tyr	Pro
				195			200				205				
Glu	Tyr	Ser	Asn	Ser	Ile	Asp	Asn	Val	Leu	Leu	Gly	Trp	Asn	Phe	Thr
				210			215			220					
Asn	Val	Ile	Asn	Pro	Cys	Gly	Met	Met	Tyr	Gly	Ala	Tyr	Leu	Glu	Asn
				225			230			235			240		
Gly	Gln	Pro	Lys	Tyr	Val	Gln	Glu	Gly	Arg	Leu	Gly	Tyr	Glu	Tyr	
				245				250			255				
Gly	Ala	Ala	Gly	Phe	Ala	Leu	Trp	Gly	Phe	Gly	Thr	Cys	Gln	Ala	Ser
				260			265				270				
Gln	Pro	Gln	Pro	Tyr	Glu	Leu	Ala	Glu	Ile	Tyr	Cys	Val	Met	Val	Pro
				275			280				285				
Tyr	Asp	Ser	Arg	Asp	Pro	Arg	Leu	Thr	Ser	Gln	His	Asn	Tyr	Val	Val
				290			295				300				
Thr	Glu	Ser	Tyr	Val	Leu	Tyr	Gly	Leu	Glu	Phe	Gly	Phe	Asp	Lys	Pro
				305			310			315			320		
Thr	Asp	Arg	Glu	Asn	Ser	Pro	Arg	Asp	Tyr	Thr	His	Pro	Trp	Met	Lys
				325				330			335				

Asn Phe Ala Asp Arg Val Tyr Gln Ala Gln Glu Asn Arg Tyr Ala Ile  
 340 345 350  
 Thr Gly Ile Leu Ser Ala Arg Ser Glu His Gln Leu Asp Gln Ser Pro  
 355 360 365  
 Tyr Phe Val Tyr Asp Thr Val Phe Ser Asp Gly Phe Asn Trp Asn Thr  
 370 375 380  
 Ile Thr Asp Lys Gly Val Tyr Val Pro Asn Thr Ala Ala Val Ser Leu  
 385 390 395 400  
 Lys Ala Ala Leu Gly Met Trp Val Leu Trp Asn Ser Pro Tyr Thr Asp  
 405 410 415  
 Arg Leu Leu Asp Ala Ile Glu Asn Ala Asn Glu Ala Gly Lys Gly Tyr  
 420 425 430  
 Tyr Glu Gly Leu Tyr Glu Asn Gly Asp Gly Pro Ile Lys Glu Phe Thr  
 435 440 445  
 Ala Asn Asn Asn Gly Ile Met Leu Glu Ala Leu Leu Phe Lys Lys Glu  
 450 455 460  
 Gly Lys Leu Met Gln Phe Asn Ser Asp Asn Pro Lys Asp Pro His Phe  
 465 470 475 480  
 Ala Pro Ser Leu Trp Glu Lys Lys Leu Val Asp Leu Phe Glu Pro Asn  
 485 490 495  
 Asn Ala Ser Arg Asn Arg Pro Phe Leu Asn Ser Thr Pro Ala Val Lys  
 500 505 510  
 Thr Trp Cys Glu Gln Thr Gly Thr Thr Leu Arg Thr Lys Pro Ala Cys  
 515 520 525  
 Gln Ala Cys Gln Cys Ala Thr Cys Asn Thr Asp Glu Pro Val Lys Leu  
 530 535 540  
 Pro Pro Val Thr Ala Gln Cys Leu Arg Pro  
 545 550 555

&lt;210&gt; 11273

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11273

Ala Thr Cys Trp Asp Val Thr Ala Ala Lys Val Leu Arg Phe Ile Thr  
 1 5 10 15  
 Pro Asp Ser Leu Ser Thr Ser Cys Pro Phe Ala Arg Ala Ser Asn Ala  
 20 25 30  
 Ser Ala Ser Gly Cys Phe Leu Tyr Leu His His Leu Cys Met Arg Met  
 35 40 45  
 Gln His Lys Lys Leu Lys Phe Ser Gln Gln Asp Arg Asp His Phe Thr  
 50 55 60  
 Asn Met Lys Pro Phe Arg Asn Phe Lys Tyr  
 65 70 75

&lt;210&gt; 11274

&lt;211&gt; 323

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11274

Thr His Arg Gly Arg Thr Gly Gly Pro Arg Lys Pro Ser Thr Gln Ser  
 1 5 10 15  
 Ser Gly Ala Ala Ala Ala Tyr Tyr His Ala Asp Thr Leu Glu Thr Leu  
 20 25 30  
 Gly Ile Pro Asp Ala Ser Ala Ile Gly Met Gly Arg Leu Leu Asn Ala  
 35 40 45  
 Leu Gln Thr Leu Leu Trp Arg Tyr Pro Gln His Ala Gly Ala Val Arg  
 50 55 60  
 Asn Leu Leu Asp Arg Trp Lys Met Gly Ala Leu Ile Ala Asn Asn Thr

65	70	75	80
Thr Ser Gln Ala Ala Val Pro Leu His His	Trp Ala Leu Ala	Thr Asp	
85	90	95	
Glu Pro Arg Asn Ser Phe Gly Tyr Arg	Leu Tyr Ala Ser His	Thr Leu	
100	105	110	
Arg Leu Ile Asp Ser Ala Ala Gly	Leu Ala Val Thr Asn Pro Pro	Glu	
115	120	125	
Gly Gln Gln Met Ile Asp Ile Asp Gly	Ile Met Val Pro Asp Glu Gly		
130	135	140	
Leu Arg Thr Pro Trp Gly Arg Gln Pro Ser	Leu Ile Ser Leu Pro Tyr		
145	150	155	160
Leu Leu Thr Gly Leu Glu Leu Gly Phe Asp	Ala Gln Ser Ala Glu Ile		
165	170	175	
Thr Trp Arg Ile Met Gln Ile Gln Gln	Arg Arg His Ser Leu Arg Val		
180	185	190	
Arg Lys Pro Pro Ile Ser Thr Asp Tyr	Ala Glu Pro Ala Pro Asp Tyr		
195	200	205	
Val Asn Asp Leu Pro Asn Arg Gln Pro Leu Gln	Asn Ser Ala Leu Leu		
210	215	220	
Asp Ala Thr Pro Glu Gln Thr Ala Met Thr	Ser Thr Arg Thr Ala Phe		
225	230	235	240
Ala Trp Tyr Ala Leu Phe Arg Asn Gly	Trp Ser Glu Ala Leu Arg Gln		
245	250	255	
Gln Val Gln Lys Leu Gln Val Pro Gly	Lys Gly Trp Gln Arg Gly Leu		
260	265	270	
Asn Leu Asn Ser Ser Val Asn Glu	Ile Val Asp Ala Asp Thr Asn Ala		
275	280	285	
Val Val Leu Glu Ser Leu Ala Tyr	Ile Ala His Gly Gln Met Leu Cys		
290	295	300	
Leu Ala Cys Pro Gly Pro Ala Thr Pro Gln	Thr Ser Ser Ala Gly Ala		
305	310	315	320
Lys Pro			

&lt;210&gt; 11275

&lt;211&gt; 173

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11275

Trp Leu Phe Cys Pro Pro His Val Gly	Ser Phe Gln Ser Ala Arg Pro		
1	5	10	15
Leu Ser Ala Arg Arg Thr Cys Leu Glu	Gly Arg Thr Met Lys Phe Tyr		
20	25	30	
Arg Asp Leu Phe Asp Ala Ser Leu Asn Arg	Val Leu Pro Glu Asn Asp		
35	40	45	
Lys Arg His Phe Phe Glu	Thr Phe Trp Glu Thr Phe Val His Met Ser		
50	55	60	
Pro Glu Thr Glu Gln His	Phe Ala Arg Asp Gln Gly Gly Asp Gly Gln		
65	70	75	80
Gln Thr Ile Phe Lys Ser Phe Phe Ala Met	Leu Ala Val Asp Gly Ala		
85	90	95	
Leu Phe Val Pro Asp Phe Leu Glu Arg	Leu Ala Arg Glu Gln Ser Asp		
100	105	110	
Glu Gly Leu Gly Leu Pro Pro Arg Phe	Phe Gly Leu Trp Arg Glu Ala		
115	120	125	
Met Leu Arg Thr Val Arg Ala Cys Asp Pro	Leu Cys Asp Glu Glu Ile		
130	135	140	
Leu Thr Ala Trp Ala Met Ala Ile Ala Pro	Gly Leu Glu Tyr Leu Arg		
145	150	155	160
Arg Gln Ala Glu Leu His Tyr Lys Ala Arg	Gly Glu		

165

170

&lt;210&gt; 11276

&lt;211&gt; 83

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11276

Asn	Lys	Ala	Ile	Val	Ser	Glu	Glu	Thr	Asn	Ala	Leu	Pro	Ala	Lys	Ile
1						5				10				15	
Leu	Phe	Asn	Lys	Gln	Asp	Leu	Pro	Leu	Leu	Ser	Leu	Ala	Arg	Pro	Met
						20			25				30		
Pro	Ala	Arg	Ile	Lys	Ser	Gly	Asn	Leu	Arg	Ala	Lys	Leu	Ile	Ile	Tyr
						35			40			45			
Thr	Gly	Asn	Ser	Cys	Leu	Phe	Ile	Cys	Leu	Arg	Phe	Ile	Ser	Leu	Ile
						50			55			60			
Ile	Cys	Ala	Gly	Ile	Asp	Leu	Phe	Arg	Tyr	Glu	Asn	Asp	Ile	Ala	Ile
						65			70			75			80
Asn	Val														

&lt;210&gt; 11277

&lt;211&gt; 67

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11277

Cys	Ser	Ser	Lys	Gly	Arg	Ser	Arg	Leu	Arg	Lys	Ile	Cys	Ile	Gln	Gly
1								5		10			15		
Trp	Asn	His	Ser	Thr	Leu	Cys	Gly	Leu	Arg	Gly	Gly	Glu	Leu	Ser	Pro
								20		25			30		
Leu	Ala	Asp	Val	Leu	Asp	Gln	Gly	Ser	Glu	Leu	Gly	Gly	His	Ile	Val
								35		40			45		
Ala	Leu	Gly	Lys	Ile	Glu	Ile	Lys	Thr	Arg	Lys	Arg	Trp	Lys	Lys	Arg
								50		55			60		
Ile	Gln														
	65														

&lt;210&gt; 11278

&lt;211&gt; 317

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11278

Trp	Arg	Asn	Ile	Thr	Ser	Pro	Arg	Ala	Gly	Tyr	Leu	Thr	Lys	Glu	Gly
1								5		10			15		
Leu	Met	Arg	Asp	Lys	Phe	Leu	Leu	Thr	Cys	Ala	Leu	Leu	Cys	Val	Ala
								20		25			30		
Thr	Gly	Ala	Glu	Ser	Ala	Pro	Lys	Asp	Asp	Ala	Asp	Ser	Leu	Arg	Asp
								35		40			45		
Lys	Asn	Gly	Glu	Pro	Val	Gln	Ala	Gly	Val	Phe	Thr	Ser	Arg	Trp	Gly
								50		55			60		
Arg	Leu	Phe	Ser	Gly	Asn	Glu	Asp	Val	Phe	Ser	Gly	Ala	Leu	Ser	Phe
								65		70			75		80
Ser	Ser	Gly	Leu	Lys	Glu	Gln	Trp	Met	Thr	Ile	Pro	Asn	Ser	Ser	Asp
								85		90			95		
Thr	Ala	Glu	Gln	Lys	Arg	Lys	Tyr	Asn	Gln	Thr	Leu	Asn	Leu	Ser	Leu
								100		105			110		
Gln	Tyr	Ser	Pro	Tyr	Ser	Tyr	Trp	Phe	Ala	Asn	Val	Thr	Ser	Arg	Leu
								115		120			125		
Pro	Val	Thr	Asp	Thr	Ser	Arg	Tyr	Thr	Ala	Asp	Phe	Arg	Tyr	Ser	Phe

130	135	140
Gly Tyr Asp Asp Trp His Ala Asn Thr Phe Ser Leu Val Tyr Ser Asn		
145	150	155
Tyr Gly Asp Asn Arg Phe Trp Thr Ser Gly Asn Arg Arg His Thr Tyr		160
165	170	175
Phe Glu Gln Gly Ala Val Thr Leu Ala Tyr Lys Phe Ser Leu Pro Lys		
180	185	190
Pro Ile Glu Asn Thr Leu Leu Ile Asn Lys Gly Asp Ser Ile Ile Cys		
195	200	205
Gln Met Gly Tyr Ser Trp Val Pro Arg Tyr Tyr Asp Leu Asp Ser Asn		
210	215	220
Asp Ile Arg Lys Asn Lys Asn Val Val Leu Gly Gly Cys Gly Tyr Thr		
225	230	235
240		
Phe Lys Gln His Phe Phe Val Arg Ala Thr Ala Phe Trp Phe Pro Asp		
245	250	255
Ser Ser Gln Gln Gln Pro Trp Asn Gly Asp Tyr Ser Tyr Ser Phe Gly		
260	265	270
Tyr Ala Gly Tyr Thr Pro Gly Ser Phe Ser Val Gln Tyr Ala Asn Tyr		
275	280	285
Ser Gly Thr Arg Tyr Pro Gly His Gln Ser Gly Ser Gly Lys Phe Arg		
290	295	300
Glu Gly Thr Val Ser Val Ile Trp Phe Leu Pro Leu		
305	310	315

&lt;210&gt; 11279

&lt;211&gt; 327

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11279

Gly Ala His Met Thr Arg Leu Arg Gly Phe Ser Pro Gln Phe Asp Ser		
1	5	10
15		
Ile Gln Gln Phe Ile Leu Thr Leu Thr His Val Val Trp Glu Gln Lys		
20	25	30
Asp Ile Gly Gln Leu Ala Asp Phe Tyr Ala Thr Pro Val Val Phe Thr		
35	40	45
Thr Pro Glu Lys Gln Leu His Glu Leu Ser Gln Phe Met Arg Leu Thr		
50	55	60
Leu Glu Ala Met His Ser Phe Pro Gln Arg Ala Val Leu Thr Glu Asp		
65	70	75
80		
Ile Leu Cys Ser Gln Asn Pro Gly Asp Glu Tyr Tyr Ala Ala Gln Arg		
85	90	95
Thr Val Ala Arg Ile Gln His Gln Gly Glu Gly Phe Phe Gly Pro Pro		
100	105	110
Thr Gly Lys Asn Val Trp Val Arg Thr Trp Ala Asp Arg Ile Cys Val		
115	120	125
Asp Gly Ala Val Arg Gln Glu Trp Leu Leu Gln Asp Arg Ala Ala Ile		
130	135	140
Val Ala Gln Leu Gly Leu Asp Val Arg Asp Phe Ala Phe Asn Leu Ala		
145	150	155
160		
Thr Met Arg Gln Gln Leu Gly Leu Glu Ser Val Ser Ala Glu Thr Leu		
165	170	175
Asp Ala Arg Trp Ala Gly Gly Pro Glu Gly Asp Asp Val Glu Gly Ala		
180	185	190
Leu Ala Gly Val Val Glu Arg Tyr Leu Thr Met Trp Ala Gly Gly Asn		
195	200	205
Ser Gly Val Val Pro Gly Leu Tyr His Pro Ala Ala Thr Leu Tyr Ala		
210	215	220
Pro Gly His Cys Leu Cys Thr Gly Glu Gln Glu Ile Gly Ala Gln Leu		
225	230	235
240		
Ser Gly Tyr Arg Ala Ser Phe Ala Asp Ser Glu Thr Gln Leu His His		

245	250	255
Leu Ile Val Arg Lys Asp Pro Asn Glu Pro Ile Arg Leu Ser Leu Arg		
260	265	270
Trp Ser Leu Leu Thr Trp His Asp Gly Tyr Gly Lys Phe Gly Ala Pro		
275	280	285
Thr Arg Lys Pro Ile Ser Ile Thr Gly Ile Ser Gln Leu Glu Leu Arg		
290	295	300
Asp Gly Leu Ile Phe Arg Glu Tyr Leu Gly Ile Asp Glu Leu Ala Ile		
305	310	315
Trp Ser Gln Ile Phe Asn		
325		

&lt;210&gt; 11280

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11280

Val Thr Val Asp Pro Gly Gln His Ala Phe Gly Ala Lys Leu Leu Phe			
1	5	10	15
Tyr Pro Ala Arg Asp Leu Thr Gly Arg Arg Met Leu Arg Gly Glu Gln			
20	25	30	
His Ala Arg Ile Leu Ala Arg Ile Ile Asp Ser Pro Arg Tyr Gln Gln			
35	40	45	
Pro Ile Leu His Arg Leu Thr Arg His Val Phe Arg			
50	55	60	

&lt;210&gt; 11281

&lt;211&gt; 419

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11281

Asn Thr Arg Asn Phe Leu Ala Trp Arg Thr Arg Arg Pro Met Ser Gln			
1	5	10	15
Ile Ala Pro Val Leu Ile Asn Lys Asp Val Glu Lys Pro Thr Thr Trp			
20	25	30	
Arg Tyr Ile Ala Ser Asp Lys Arg Asp Leu Arg Ile Asp Phe Met Arg			
35	40	45	
Gly Ile Ala Leu Val Met Met Val Val Ala His Thr Glu Val Met Ser			
50	55	60	
Ile Phe Asn Ile Phe Thr Trp Glu Arg Phe Gly Leu Val Thr Gly Ala			
65	70	75	80
Glu Gly Phe Val Ile Leu Ser Gly Phe Met Leu Gly Met Leu Asn Arg			
85	90	95	
Val Arg Leu Gln Lys Ala Val Leu Leu Thr Ile Ser Trp Gly Leu Tyr			
100	105	110	
Leu Arg Ala Trp Lys Ile Tyr Arg Ile Asn Ile Ile Ile Leu Ser			
115	120	125	
Phe Leu Leu Leu Gly Tyr Leu Pro Phe Ile Asn Val Phe Glu Val Thr			
130	135	140	
His Phe Thr Asp Arg Tyr Ser Gly Thr Thr Trp Ser Leu Tyr Pro Val			
145	150	155	160
Thr Pro Gln Ile Lys Glu Thr Trp Phe Asn Ile Val Leu Tyr Leu Gln			
165	170	175	
Ile Gly Pro His Gln Thr Gln Ile Leu Gly Leu Tyr Ile Phe Leu Leu			
180	185	190	
Leu Leu Ser Pro Leu Phe Leu Gly Met Leu Gln Lys Gly Tyr Val Tyr			
195	200	205	
Trp Leu Leu Gly Leu Ser Leu Leu Val Tyr Gly Gly Trp Gln Met Trp			
210	215	220	

Pro Val Arg Ala Thr Pro Ser Gln Phe Glu Phe Ala Phe Pro Leu Leu  
 225 230 235 240  
 Ala Trp Gln Phe Ile Phe Val Leu Gly Met Cys Ser Gly Trp Tyr Lys  
 245 250 255  
 Glu Asp Leu Ile Ser Phe Ala Arg Thr Pro Ala Gly Lys Val Val Leu  
 260 265 270  
 Val Ala Leu Val Ile Ile Ala Leu Leu Leu Gly Phe Ile Ala Gln Asn  
 275 280 285  
 His Thr Asn Pro Phe Met Pro Pro Ala Leu Leu Met His Ser Leu Ser  
 290 295 300  
 Pro Glu Asp Phe Asn Ala Phe Tyr His Thr Trp Ala Ala Lys Asn Gly  
 305 310 315 320  
 Leu Gly Pro Val Arg Val Leu Asn Asp Ile Cys Leu Met Val Thr Val  
 325 330 335  
 Tyr Leu Val Leu Thr Trp Cys Trp Leu Pro Leu Tyr Arg Leu Ala Gly  
 340 345 350  
 Trp Phe Leu Ile Pro Leu Gly Gln His Ser Leu Tyr Thr Phe Ile Leu  
 355 360 365  
 His Val Tyr Val Val Phe Leu Ile Ser Gln Phe Val Thr Phe Asp Leu  
 370 375 380  
 Trp Arg Gln Asp Trp Ile Val Asn Thr Phe Ile His Ala Ala Ala Leu  
 385 390 395 400  
 Gly Val Leu Trp Leu Met Ala Lys Tyr Asn Val Ala Ala Arg Trp Ile  
 405 410 415  
 Pro Asn

&lt;210&gt; 11282

&lt;211&gt; 127

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11282

Arg Gly Ile Pro Gly Met Leu His Ser Gln Ser Ser Arg Val Gly Ser  
 1 5 10 15  
 Met Leu Leu Leu Leu Thr Ala Ile Ile Ala Phe Ala Val Ala Leu Tyr  
 20 25 30  
 Ala Trp Trp Thr Pro Leu Thr Gly Val Thr Gly Thr Ile Gly Ala Leu  
 35 40 45  
 Gly Val Val Ile Ala Ser Val Val Leu Ala Ile Leu Thr Val Met Leu  
 50 55 60  
 Arg Ala Ala Ser Arg Arg Gly Ala Arg Val Phe Leu Ile Ile Val Thr  
 65 70 75 80  
 Leu Val Val Leu Ala Gly Ile Gly Phe Ala Ala Ala Leu Leu His Gln  
 85 90 95  
 Tyr Ile Ile Thr Ala Ala Met Val Val Gly Leu Ile Gly Leu Ile Met  
 100 105 110  
 Leu Ser Ser His Ser Ala Arg Tyr Asn His Arg Val Arg Ser  
 115 120 125

&lt;210&gt; 11283

&lt;211&gt; 63

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11283

Ile Tyr Lys Gly Arg Tyr Thr Lys Leu Gly Phe Leu Ala Gly Ala Val  
 1 5 10 15  
 Leu Ala Thr Trp Leu Ser Leu Thr Tyr Pro Thr Gln Met Arg Ala Val  
 20 25 30  
 Phe Glu Gln Leu Val Thr Ile Val Gln Gln Ile Thr Gln Pro Ser Ser

35	40	45
Glu Ser His Ser Asp Met Val	Thr Pro Glu Gln Ser Tyr Pro	
50	55	60

&lt;210&gt; 11284

&lt;211&gt; 188

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11284

Thr Ala Ser Ala Val Asn Trp Arg Ser Thr Met Lys Arg Phe Leu Phe			
1	5	10	15
Met Ala Leu Ala Leu Thr Met Leu Val Ala Gly Cys Ser Thr Glu Val			
20	25	30	
Thr Glu Tyr Arg Gln Gln Gln Pro Arg Leu Asp Ile Phe Thr Tyr Phe			
35	40	45	
Gln Gly Lys Thr Glu Ala Trp Gly Met Val Gln Asp Arg Ser Gly Lys			
50	55	60	
Gln Ile Arg Arg Phe His Val Glu Ile Ala Gly Asp Val Ile Gly Asp			
65	70	75	80
Thr Leu Thr Leu Asn Glu His Phe Val Tyr Asp Asp Gly Glu Lys Gln			
85	90	95	
Gln Arg Val Trp His Ile Arg Arg Val Gly Gln Asn Arg Tyr Glu Gly			
100	105	110	
Thr Ala Gly Asp Ile Glu Gly Val Ala Thr Gly Gln Ala Ala Gly Asn			
115	120	125	
Ala Leu Asn Trp Arg Tyr Ser Met Asn Val Lys Ala Asp Gly Lys Thr			
130	135	140	
Trp Leu Leu His Phe Asp Asp Trp Met Tyr Leu Gln Asp Ser Thr Arg			
145	150	155	160
Leu Phe Asn Lys Thr Glu Met Lys Lys Phe Gly Val Thr Val Ala Thr			
165	170	175	
Val Thr Leu Phe Phe Thr Arg Lys Glu Gly Gly			
180	185		

&lt;210&gt; 11285

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11285

Leu Thr Pro Ser Leu Leu Ile Ile Ile Phe Thr Arg Asp Tyr Asn Arg			
1	5	10	15
Ala Asn Asp Gly Gly Ser Val Thr Tyr Leu Glu Val Leu Asn Ile Asn			
20	25	30	
Pro Arg Gln Ile Arg Gly Ile Glu Trp Glu Asn His Cys Gly Ser Ala			
35	40	45	
Gly Ala Phe Ser Cys Val Pro Ala Pro Leu Thr Gly			
50	55	60	

&lt;210&gt; 11286

&lt;211&gt; 62

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11286

Leu Leu Asp Thr Ile Met His His Pro Ser Gln Arg Cys Ser Ala Val			
1	5	10	15
Ser Gln Asp Ser His Leu Arg Ile Ile Thr Arg His Tyr Ser Lys Ser			
20	25	30	
Ser Thr Gly Gln Gly Thr Asp His Ser Val Ser Tyr Val Pro Ala Lys			

35	40	45
Glu Ala Ala Thr Ser Asn Ser	Leu Ile His Glu Lys Gly	
50	55	60

&lt;210&gt; 11287

&lt;211&gt; 98

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11287

Thr Ser Gln Pro Asn Glu Arg Leu Ile Leu Asn Arg Val Glu Arg Ser			
1	5	10	15
Arg Leu Val Tyr Gln Tyr Pro His Thr Ile Asn Thr Met Asn Ile Ala			
20	25	30	
Val Pro Ile Ser Gly Pro Leu Gln Arg Val Asp Met Ala Gln Lys Val			
35	40	45	
Leu Pro His Leu Val Ala Phe Val Val Asn Arg Gly Val Ser Ile Leu			
50	55	60	
Ile Asp Asp Asp Ala Val Ala Ile Leu Tyr Gly Phe Asp Asn Phe Leu			
65	70	75	80
Val Thr His Asp Leu Gln Gln Gly Phe Arg Ala Gly Lys Glu Arg His			
85	90	95	
Gln			

&lt;210&gt; 11288

&lt;211&gt; 181

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11288

Pro Gln Leu Gln Val Ser Gly Pro Ile Ile Ala Ala Met Lys Ser Ala			
1	5	10	15
Gln Arg Gly Val Gln Arg Ser Arg Val Leu Pro Gln Arg Ile Met Ala			
20	25	30	
Thr His Leu Lys Thr Ala Lys Asn Leu Arg Leu Phe His Arg Val Ala			
35	40	45	
Arg Arg Gly Phe Ala Pro Gly Gly Ile Met Leu Leu Asp Lys Pro Val			
50	55	60	
Phe Arg Ile Asn Asp Arg His Phe Ala Leu Asp Val Leu Pro Gly Lys			
65	70	75	80
Gln Arg Arg Leu Gln His Ile Pro Gln Ser Arg Asp Ala Val Gly Gln			
85	90	95	
Val Ile Gly Gly Asn Val Glu Glu Lys Ser Ala Val Ala Ser Gln Arg			
100	105	110	
Gly Gly Ile Asp Val Ala Ala Leu Ala Leu Asp Pro Gly His Glu Ser			
115	120	125	
Ile Ile Ala Leu Ile Ala Leu Ala Thr Ala Glu Gln Gln Val Leu Lys			
130	135	140	
Gln Met Arg Glu Thr Gly Glu Ser Arg Trp Leu Val Met Ala Ser Gly			
145	150	155	160
Thr His Ala Arg Gln Arg Arg Ala Cys Arg Leu Arg Leu Met His			
165	170	175	
Gln Arg Cys Ala			
180			

&lt;210&gt; 11289

&lt;211&gt; 62

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11289

Ile	Leu	Tyr	Leu	Tyr	Thr	Val	Leu	Tyr	Ile	Asp	Ser	Lys	Asp	Gln	Gly
1					5				10					15	
Gly	Thr	Arg	Ser	Asp	Val	Val	Arg	Val	Gln	Glu	Glu	Glu	Gly	Tyr	Ile
					20				25					30	
Gln	Asn	Gly	Gly	Glu	Ala	Asn	Leu	Ala	Glu	Arg	Val	Phe	Asn	Glu	Met
					35				40				45		
Phe	Lys	Glu	Tyr	Lys	Cys	Pro	Tyr	Gly	Arg	Tyr	Gly	Gln			
					50				55				60		

&lt;210&gt; 11290

&lt;211&gt; 146

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11290

Pro	Met	Ser	Thr	Leu	Pro	Ser	Val	Ile	Ser	Arg	Phe	Val	Asp	Tyr	Tyr
1									5		10			15	
Ala	Thr	Leu	Asp	Thr	Gln	Pro	Pro	Ser	Ala	Leu	Ala	Gly	Ile	Tyr	Arg
									20		25			30	
Ala	Asp	Ala	Thr	Leu	Ile	Asp	Pro	Phe	Gly	Glu	His	Ser	Gly	Val	Phe
									35		40			45	
Ala	Ile	Gln	Arg	Tyr	Phe	Thr	His	Leu	Leu	Ala	Asn	Val	Gln	His	Cys
									50		55			60	
Arg	Phe	Thr	Val	Asp	Ala	Pro	Leu	Gln	Gly	Asp	Arg	Phe	Val	Val	
									65		70			75	80
Thr	Trp	Met	Met	His	Trp	Ser	His	Pro	Arg	Ile	Ala	Arg	Gly	Ala	Val
									85		90			95	
Arg	Gln	Leu	Pro	Gly	Cys	Ser	Val	Val	Asp	Met	Arg	Asp	Asp	Arg	Ile
									100		105			110	
Val	Arg	Gln	Arg	Asp	Tyr	Tyr	Asp	Ala	Gly	Glu	Met	Ile	Tyr	Glu	His
									115		120			125	
Leu	Pro	Ile	Leu	Gly	Trp	Ala	Val	Arg	Gly	Val	Lys	Arg	Arg	Val	Lys
									130		135			140	
Ser															
145															

&lt;210&gt; 11291

&lt;211&gt; 176

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11291

Cys	Pro	His	His	Gln	Arg	Gly	Ala	Ala	Asp	Cys	Gly	Thr	Arg	Met	Lys
1					5				10					15	
Arg	Tyr	Gly	Gln	Val	Phe	Leu	Leu	Ala	Ile	Gly	Phe	Asp	Leu	Tyr	Trp
					20				25					30	
Thr	Leu	Val	Val	Leu	Phe	Arg	Glu	Gln	Gly	Leu	Val	Ile	Trp	Ile	Ala
									35		40			45	
Leu	Ala	Val	Leu	Ala	Trp	Leu	Leu	Pro	Pro	Ser	His	Arg	Val	Tyr	
									50		55			60	
Ala	Leu	Val	Leu	Ala	Ala	Ser	Gly	Ala	Leu	Leu	Asp	Ala	Leu	Trp	Ala
									65		70			75	80
Leu	Thr	Gly	Leu	Ile	Ala	Phe	Thr	Gly	Ala	Ser	Leu	Met	Pro	Leu	Trp
									85		90			95	
Met	Val	Ala	Leu	Trp	Leu	Met	Phe	Ala	Thr	Val	Trp	Thr	His	Leu	Thr
									100		105			110	
Arg	Thr	Thr	Thr	Leu	Pro	Gly	Trp	Leu	Leu	Thr	Val	Leu	Ala	Thr	Leu
									115		120			125	
Gly	Gly	Pro	Val	Ala	Tyr	Leu	Ile	Gly	Glu	His	Leu	Gly	Ala	Ile	Thr
									130		135			140	

Phe Gln Glu Pro Thr Phe Ile Val Val Ser Trp Met Phe Pro Gly Trp  
 145 150 155 160  
 Leu Val Leu Met Leu Phe Phe His Leu Leu Met Gly Arg Gln Gln  
 165 170 175

<210> 11292

<211> 156

<212> PRT

<213> Enterobacter cloacae

<400> 11292

Ser Ser Pro Pro Gly Lys Arg Arg Lys Ser Val Met His Ile Ile Leu  
 1 5 10 15  
 Ile Leu Leu Val Ile Ala Gly Gly Met Gly Leu Ser Val Glu Ala Gly  
 20 25 30  
 Leu Leu Gly Pro Leu Gly Ala Glu Val Gly Asp Leu Trp Ala Ala Phe  
 35 40 45  
 Ser Ile Phe Ser Val Gly Thr Gly Leu Thr Phe Leu Leu Met Leu Phe  
 50 55 60  
 Phe Ser Pro Arg Asn Ser Pro Ser Phe Phe Ala Gln Pro Ser Trp His  
 65 70 75 80  
 Leu Leu Gly Gly Val Leu Gly Pro Val Tyr Val Ile Ile Leu Thr Ile  
 85 90 95  
 Ala Thr Pro Ala Ile Gly Ile Ala Met Thr Met Ile Gly Ile Leu Ala  
 100 105 110  
 Gly Gln Val Phe Lys Ser Leu Ile Ile Asp His Tyr Gly Leu Leu Gly  
 115 120 125  
 Thr Pro His Arg Arg Ile Asp Thr Lys Arg Ile Ile Ala Leu Gly Phe  
 130 135 140  
 Ile Ile Ala Ala Leu Ile Leu Val Ala Gln Gly  
 145 150 155

<210> 11293

<211> 93

<212> PRT

<213> Enterobacter cloacae

<400> 11293

Asn Ala Pro Val Asp Ala Arg Ser Lys Tyr Leu His Leu Ser Met Lys  
 1 5 10 15  
 Arg Gly Gly Gly Val Ala Glu Leu Glu Arg Leu Arg Ala Phe Thr Gln  
 20 25 30  
 Arg Gln Arg Ala Thr Ala Gln Thr Val Gln Gln Ala Glu Glu Gln Pro  
 35 40 45  
 Ser Arg Asp Ala Asp Val Ala Arg Asp Ile Gly Phe Lys Arg Lys Asp  
 50 55 60  
 Gly Ile Gly His Glu Arg Ser Leu Leu Leu Arg Gly Trp Leu Cys Ser  
 65 70 75 80  
 Gly Thr Arg Phe Ser His Ser Leu Ser Ala Cys Gln  
 85 90

<210> 11294

<211> 255

<212> PRT

<213> Enterobacter cloacae

<400> 11294

Arg Gly Pro Glu Met Gly Thr Ala Ile Phe Met Val Leu Met Val Cys  
 1 5 10 15  
 Gly Tyr Trp Tyr Thr Ser Arg Asp Leu Ser Thr Arg Phe Lys Ile Lys  
 20 25 30

Arg Ser Phe Gly Trp Asp Val Tyr Phe Leu Val Ala Leu Tyr Gly Cys  
 35 40 45  
 Ile Phe Val Leu Gln Gly Val Ile Ala Thr Gly Leu Leu Trp Leu Leu  
 50 55 60  
 Leu Phe Ala Leu Ser Ala Ala Asp Asn Thr Phe His Phe Thr Ser Ala  
 65 70 75 80  
 Lys Tyr Ala Asp Trp Gln Ile Asp Phe Met Asn Trp Ser Phe Leu Gly  
 85 90 95  
 Ile Gln Ala Pro Val Val Val Met Leu Thr Phe Ala Ile Leu Phe Cys  
 100 105 110  
 Leu Tyr Arg Ser Asn Trp Ala Gly Ser Ala Arg Leu Asp Gly Glu Gly  
 115 120 125  
 Arg Lys Lys Leu Tyr Lys Arg Leu Ala Gln Ser Ser Gly Ile Glu Gln  
 130 135 140  
 Leu Leu Tyr Gln Cys Met Glu Glu Gly Glu Leu Ala His Val Thr Leu  
 145 150 155 160  
 Lys Ser Arg Arg Ile Tyr Ile Gly Met Ile His Thr Ala Thr Leu Glu  
 165 170 175  
 Tyr Glu Lys Thr Ala Asn Ile Val Leu Ile Pro Met Leu Ser Gly Tyr  
 180 185 190  
 Arg Asp Gly Lys Asn Met Gln Leu Cys Ile Glu His Asn Tyr Ser Lys  
 195 200 205  
 Trp Tyr Ala Glu His Asp Ile Thr Leu Asp Ser Glu Pro Lys Ser Ala  
 210 215 220  
 Met Asp Phe Arg Lys Val Ile Met Leu Asp Gln Ile Glu Ser Ile Ser  
 225 230 235 240  
 Leu Phe Asp Pro Ala Ser Ala Ser Ala Leu Ala Met Arg Glu  
 245 250 255

&lt;210&gt; 11295

&lt;211&gt; 220

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11295

Ala Phe Ile Cys Pro Val Ala Pro Glu Ala Thr Glu Thr Tyr Leu Tyr  
 1 5 10 15  
 His Asp His Gln Glu Asn Asn Met His Thr Ser Lys Thr Leu Lys Arg  
 20 25 30  
 Leu Leu Ala Val Ser Ala Val Ala Ala Met Phe Ser Thr Val Gly Val  
 35 40 45  
 Gln Ala Gln Thr Thr Ser Ala Ala Gln Thr Gln Thr Ala Gly Lys Ala  
 50 55 60  
 Gln Pro Asp Ala Arg Leu Ser Ser Gly Asp Glu Lys Ala Leu Lys Asp  
 65 70 75 80  
 Met Ala Gln Ala Asn Ile Asn Glu Val Ala Ala Ala Arg Leu Ala Leu  
 85 90 95  
 Asp Lys Ala Gln Ser Ser Glu Val Lys Thr Phe Ala Gln Lys Met Val  
 100 105 110  
 Asp Asp His Gly Ala Ala Leu Thr Lys Val Gln Thr Val Ala Gln Lys  
 115 120 125  
 Lys Gly Val Glu Leu Pro Thr Glu Pro Asp Ala Ala His Lys Ala Leu  
 130 135 140  
 Asn Ser Arg Leu Glu Asn Gln Arg Gly Asp Ala Phe Asp Lys Met Tyr  
 145 150 155 160  
 Met Glu Tyr Ala Gly Val Lys Asp His Glu Lys Val Leu Ser Lys Leu  
 165 170 175  
 Lys Ser Asp Ala Ser Lys Ile Asp Asp Pro Asp Val Lys Ala Leu Ala  
 180 185 190  
 Asn Glu His Thr Pro Val Val Glu Gln His Leu Lys Ser Ala Glu Gln  
 195 200 205

Met Ser Thr His Ser Gly Ala Ser Ala Asp Lys  
 210 215 220

<210> 11296

<211> 86

<212> PRT

<213> Enterobacter cloacae

<400> 11296

Arg	Asp	Ser	Arg	Ala	Met	Ala	Arg	Asp	Asp	Ser	Pro	Ser	Pro	Ser	Leu
1				5					10				15		
Ala	Gly	Ala	Phe	His	Gly	Leu	Thr	Gly	Thr	Ala	Ala	Phe	Phe	Leu	Cys
				20				25					30		
Val	Val	Phe	Ser	Gln	Lys	Lys	Ala	Pro	Tyr	Tyr	Asp	Gly	Ala	Arg	Leu
				35				40				45			
Leu	Ile	Ser	Leu	Leu	Phe	Ile	Gln	Arg	Val	Gly	Asn	His	Val	Val	Thr
	50				55				60						
Thr	Ile	Arg	Arg	Leu	Ala	Cys	Thr	Ala	Gly	Arg	Asp	Gln	Asn	Val	Leu
	65				70				75				80		
Phe	Ala	Gly	Phe	Arg											
				85											

<210> 11297

<211> 191

<212> PRT

<213> Enterobacter cloacae

<400> 11297

Leu	Ser	Thr	Thr	Met	Ala	Cys	Trp	Val	Arg	Arg	Thr	Ala	Gly	Ser	Ile
1				5					10				15		
Gln	Asn	Ala	Leu	Leu	Arg	Trp	Asp	Leu	Ser	Ser	Pro	Arg	Ser	Phe	Ser
				20				25				30			
Trp	Arg	Arg	Gly	Asn	Val	Met	Thr	Val	Ile	Met	Ile	Ile	Leu	Ala	Val
	35				40				45						
Ile	Gly	Gly	Ala	Thr	Leu	Ser	Ile	Gln	Ala	Ala	Ile	Asn	Gly	Gln	Leu
	50				55				60						
Gly	Ser	Ser	Val	Gly	Val	Phe	Lys	Ser	Ala	Phe	Leu	Thr	Phe	Ser	Val
	65				70				75			80			
Gly	Ala	Leu	Val	Thr	Ala	Leu	Leu	Ile	Phe	Phe	Glu	Pro	Lys	Gln	
				85				90				95			
Ala	Val	Ser	Leu	Met	Asp	Val	Pro	Lys	Trp	Gln	Leu	Leu	Gly	Ala	Leu
				100			105				110				
Cys	Gly	Val	Pro	Tyr	Ile	Val	Ile	Met	Val	Leu	Ala	Val	Gln	Arg	Ile
	115				120			125							
Gly	Thr	Ala	Val	Ala	Thr	Val	Ala	Val	Ile	Leu	Gly	Gln	Leu	Ala	Met
	130				135			140							
Ser	Met	Leu	Ile	Asp	Asn	Phe	Gly	Trp	Leu	Asn	Asn	Glu	Ala	Ile	Pro
145					150				155				160		
Phe	Ser	Val	Ser	Arg	Phe	Gly	Ala	Val	Val	Cys	Leu	Ser	Ile	Ala	Leu
				165				170				175			
Phe	Phe	Ile	Tyr	Ser	Ser	Ser	Lys	Leu	Gln	Pro	Glu	Glu	Asp		
		180					185				190				

<210> 11298

<211> 66

<212> PRT

<213> Enterobacter cloacae

<400> 11298

Gln	Gln	Lys	Asn	Pro	Gly	Arg	Gln	Ser	Arg	Leu	Ile	Val	Arg	Thr	Thr
1				5				10				15			

His	His	Leu	Ser	Cys	Arg	Arg	Gly	Pro	Glu	Thr	Ala	Arg	Gly	Leu	Ile
					20			25						30	
Met	His	Tyr	Val	Asp	Leu	Leu	Glu	Asn	Asn	Ala	Ile	Glu	His	Phe	Asn
					35			40						45	
Leu	Phe	Trp	Arg	Lys	Ile	Trp	Leu	Gln	His	Phe	Leu	Ser	Ser	Asp	Val
					50			55						60	

Cys  
65

&lt;210&gt; 11299

&lt;211&gt; 377

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11299

Ile	Ala	Gln	Phe	Met	Lys	Asn	Pro	His	Val	Ala	Val	Lys	Leu	Ser	His
1				5					10					15	
Phe	Pro	Cys	Ala	Arg	Gly	Ser	Gly	Ile	Asn	Tyr	Ala	Leu	Ile	Thr	Phe
				20				25						30	
Arg	Gln	His	Glu	Leu	Arg	Met	His	Asn	Gln	Met	Ser	Gln	Ala	Phe	Thr
				35				40						45	
Phe	Thr	Leu	Lys	Arg	Ser	Cys	Phe	Asp	Glu	Asn	Tyr	Asn	Pro	Ser	Glu
				50			55		60						
Asn	Thr	Arg	Thr	Thr	Asn	Phe	Ala	Asn	Leu	Ala	Arg	Gly	Glu	Lys	
65					70				75					80	
Arg	Gln	Glu	Asn	Leu	Arg	Asn	Thr	Leu	Val	Met	Ile	Asn	Asn	Arg	Phe
				85				90						95	
Asn	Ala	Leu	Ala	Ser	Trp	Asp	Asn	Pro	Lys	Ala	Asp	Arg	Tyr	Ala	Val
				100				105						110	
Glu	Leu	Glu	Ile	Ile	Ser	Val	Asp	Met	Asn	Ile	Gly	Gly	Asp	Phe	Thr
				115			120						125		
Phe	Pro	Ala	Ile	Glu	Ile	Leu	Gln	Thr	Thr	Ile	Val	Asp	Lys	Lys	Thr
				130			135						140		
His	Glu	Arg	Ile	Glu	Gly	Ile	Val	Gly	Asn	Asn	Phe	Ser	Ser	Tyr	Val
145					150				155					160	
Arg	Asp	Tyr	Asp	Phe	Ser	Val	Leu	Leu	Leu	Glu	His	Asn	Lys	Asp	Gln
					165				170					175	
Pro	Arg	Phe	Thr	Leu	Pro	Glu	Asn	Phe	Gly	Glu	Leu	His	Gly	Asn	Ile
				180				185					190		
Phe	Lys	Ser	Phe	Val	His	Ser	Ala	Glu	Tyr	Gln	Ala	Asn	Phe	Lys	Lys
				195			200						205		
Ala	Pro	Val	Ile	Cys	Leu	Ser	Val	Ser	Ser	Lys	Asp	Thr	Tyr	Arg	Arg
				210			215						220		
Thr	Gly	Asn	His	His	Pro	Val	Leu	Gly	Tyr	Glu	Tyr	Gln	Pro	Asp	Gly
225					230				235					240	
Glu	Ser	Leu	Thr	Glu	Gln	Tyr	Phe	Ala	Lys	Met	Gly	Leu	Lys	Val	Arg
					245				250					255	
Tyr	Phe	Met	Pro	Glu	Asn	Ser	Val	Ala	Pro	Phe	Ala	Phe	Phe	Thr	
				260			265						270		
Gly	Asp	Leu	Leu	Arg	Asp	Tyr	Thr	Asn	Leu	Glu	Leu	Ile	Gly	Thr	Ile
				275			280						285		
Ser	Thr	Met	Glu	Thr	Phe	Gln	Lys	Ile	Tyr	Arg	Pro	Glu	Ile	Tyr	Asn
				290			295						300		
Ala	Asn	Ser	Ala	Ala	Gly	Gln	Cys	Tyr	Gln	Pro	Asp	Leu	Asn	Gln	Gln
305					310				315					320	
Asp	His	Ser	Leu	Thr	Lys	Ile	Val	Tyr	Asp	Arg	Glu	Glu	Arg	Ser	Arg
					325			330					335		
Leu	Ala	Ile	Glu	Gln	Gly	Lys	Tyr	Thr	Glu	Glu	Arg	Phe	Ile	Lys	Pro
				340			345						350		
Tyr	Lys	Thr	Leu	Leu	Glu	Gln	Trp	Ser	His	His	Phe	Thr	Leu	Ser	Phe
				355			360						365		

Asn Thr Asp Lys Arg Phe Phe Ser  
 370                           375

<210> 11300

<211> 70

<212> PRT

<213> Enterobacter cloacae

<400> 11300

Gly	Cys	His	Ala	Met	Lys	His	Leu	Leu	Met	Thr	Leu	Phe	Ser	Ser	Pro
1				5					10					15	
Glu	Ser	Leu	Leu	Gln	Val	Met	Ser	His	Gln	Glu	Ile	Ile	Glu	Ala	Val
				20					25					30	
Glu	Asp	Gly	Asp	Arg	Ile	Ile	Ile	Asp	Gln	Asp	Gly	Asn	Ala	Ser	Val
	35							40				45			
Asn	Tyr	Lys	Ser	His	Glu	Val	Arg	Gln	Asp	Phe	Leu	Arg	His	Val	Asn
		50				55						60			
Ala	Leu	Lys	Arg	Ala											
65					70										

<210> 11301

<211> 70

<212> PRT

<213> Enterobacter cloacae

<400> 11301

Asp	Glu	Gln	His	Asp	Gly	Ala	Val	Thr	Phe	Lys	His	Ala	Phe	Met	Leu
1					5				10					15	
His	Tyr	Leu	Asn	Lys	Leu	Leu	Leu	Ser	Gln	Ser	Leu	Arg	Ala	Lys	
					20				25					30	
His	Lys	Lys	Ser	Phe	Asp	Leu	Asn	Ser	Pro	Arg	Ile	Arg	Gly	Ile	Phe
					35			40					45		
Leu	Ala	Val	Cys	Lys	Gln	Lys	Thr	Arg	Gln	Lys	Arg	Val	Phe	Val	Val
					50			55				60			
Phe	Glu	Lys	Ile	Ile											
65					70										

<210> 11302

<211> 110

<212> PRT

<213> Enterobacter cloacae

<400> 11302

Lys	Thr	Lys	Phe	Glu	Gly	Met	Lys	Met	Lys	Val	Leu	Ala	Leu	Val	
1						5			10					15	
Val	Ala	Ala	Ala	Met	Gly	Leu	Ser	Ser	Ala	Ala	Phe	Ala	Ala	Glu	Thr
						20			25					30	
Thr	Ala	Thr	Ala	Ala	Pro	Ala	Ala	Ser	Thr	Ala	Ala	Pro	Ala	Lys	Thr
						35			40					45	
Val	His	His	Lys	Lys	His	His	Lys	Ala	Ala	Lys	Pro	Ala	Ala	Glu	Gln
						50			55					60	
Lys	Ala	Gln	Ala	Ala	Lys	Lys	His	His	Lys	Lys	Ala	Ala	Lys	Pro	Ala
						65			70					80	
Val	Glu	Gln	Lys	Ala	Gln	Ala	Ala	Lys	Lys	His	His	Lys	Lys	Ala	Ala
						85			90					95	
Lys	His	Glu	Ala	Ala	Lys	Pro	Ala	Ala	Gln	Pro	Ala	Ala			
						100			105					110	

<210> 11303

<211> 73

<212> PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11303

His	Gly	Asp	Cys	Leu	Ala	Pro	Glu	Ala	Leu	Gln	Gly	Phe	Leu	Thr	Glu
1				5					10					15	
Glu	Ala	Leu	Leu	Ser	Gly	Gln	Leu	Ser	Leu	Met	Arg	Tyr	Cys	Cys	Gln
				20				25					30		
Ser	Cys	Gly	Ile	Cys	Pro	Val	Ala	Lys	Arg	Phe	Thr	Ser	Lys	Glu	Glu
			35				40				45				
Val	Thr	Glu	Asn	Ala	Leu	Gly	Ile	Met	Arg	Leu	Ile	Ile	Glu	Leu	Pro
	50				55			60							
Cys	Leu	Asn	Glu	Lys	Leu	Gln	Ala	Thr							
	65				70										

&lt;210&gt; 11304

&lt;211&gt; 77

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11304

Ile	Lys	Pro	Pro	Leu	Tyr	Ser	Tyr	Ile	Tyr	Asp	Phe	Leu	Met	Phe	Asn
1				5				10					15		
Leu	Ala	Lys	Gly	Leu	Ser	Tyr	Lys	Gln	Lys	Leu	Asn	Gly	Ser	Phe	Phe
				20			25					30			
Leu	Ile	Ile	Asp	Lys	Ser	His	Pro	Asp	Gly	Cys	Glu	Gly	Gly	Cys	Phe
			35			40				45					
Leu	Cys	Tyr	Cys	Val	Arg	Ile	Val	Leu	Ser	Ala	Ile	Lys	Met	Gly	Leu
	50				55			60							
Phe	Phe	Tyr	Leu	Arg	Ile	Phe	Arg	Gly	Asn	Lys	Thr				
	65				70				75						

&lt;210&gt; 11305

&lt;211&gt; 154

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11305

Ser	Leu	Ser	Gln	Tyr	Gln	Gly	Gly	Val	Gly	Ile	Glu	Lys	Asn	Lys	Glu
1				5				10				15			
Leu	Val	Ala	Ser	Gln	Ala	Ala	Tyr	Ser	Gly	Tyr	Ile	Val	Glu	Phe	Asn
				20				25				30			
Asn	Gly	Ser	Arg	Leu	Trp	Ile	Asn	Arg	Glu	Thr	Leu	Leu	Val	Gly	Trp
			35			40				45					
Phe	Asp	Asn	Pro	Gln	Val	Pro	Gln	Lys	Gly	Arg	Met	Arg	Phe	Gln	Lys
			50			55			60						
Thr	Lys	Met	Asn	Leu	Phe	Ala	Tyr	Leu	Leu	Glu	His	Ala	Val	Arg	Lys
	65				70			75				80			
Glu	Val	Ser	Arg	Asp	Glu	Leu	Leu	His	Gln	Val	Trp	Glu	Lys	Tyr	Gly
			85				90				95				
Leu	Lys	Ser	Ser	Arg	Gln	Leu	Trp	His	Ala	Ile	Gly	Gln	Leu	Lys	
	100				105				110						
Leu	Ser	Leu	Phe	Thr	Leu	Gly	Ile	Pro	Tyr	Glu	Phe	Ile	Gln	Ser	Asn
	115				120				125						
Lys	Gly	Lys	Thr	Tyr	Ser	Leu	Glu	Lys	Val	Lys	Val	Phe	Phe	Ile	Thr
	130				135				140						
Gln	Ser	Asp	Ile	Asn	Asp	Asp	Ala	Tyr							
	145				150										

&lt;210&gt; 11306

&lt;211&gt; 86

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11306

Tyr	Met	Asn	Leu	Ala	Tyr	Phe	Leu	Phe	Leu	Ser	Ile	Thr	Val	Met	Leu
1					5					10				15	
Thr	Ser	Phe	Ile	Ile	Lys	Ser	Leu	Val	Val	Leu	Val	Lys	Phe	Lys	Leu
					20					25			30		
Leu	Arg	Asp	Glu	Arg	Leu	Glu	Tyr	Thr	Ser	Asn	Lys	Asn	Ile	Asp	Glu
					35					40			45		
Met	Tyr	Asp	Leu	Met	Asn	Ala	Lys	Glu	Glu	Ile	Leu	Ile	Arg	His	His
					50					55			60		
Lys	Gln	Met	Leu	Ala	Leu	His	Leu	Ser	Leu	Leu	Ile	Phe	Val	Leu	Phe
					65					70			75		80
Ile	Ala	Tyr	Ile	Tyr											
					85										

&lt;210&gt; 11307

&lt;211&gt; 99

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;UNSURE

&lt;222&gt;(47)

&lt;220&gt;

&lt;221&gt;UNSURE

&lt;222&gt;(70)

&lt;220&gt;

&lt;221&gt;UNSURE

&lt;222&gt;(76)

&lt;400&gt; 11307

Leu	Ala	Ala	Leu	Gln	Pro	Ala	Gly	Gln	Asp	Ala	Arg	Trp	Arg	Ser	Thr
1					5				10			15			
Ala	Gln	Arg	Leu	Pro	Pro	His	Ser	Val	Gln	Trp	Pro	Ser	Thr	His	Ala
					20				25			30			
Arg	Pro	Leu	Ala	His	Lys	Ala	Ser	Ser	Arg	Ala	Thr	Asp	Arg	Xaa	Leu
					35				40			45			
Gln	Pro	Pro	Pro	Arg	Gln	Ser	Pro	Phe	Pro	Ala	Ser	Arg	Cys	Tyr	Gln
					50				55			60			
Arg	Val	Ser	Ser	Ser	Xaa	Thr	Phe	Val	Arg	Pro	Xaa	Cys	Gly	Asp	Leu
					65				70			75		80	
Ser	Gly	Pro	Leu	Ile	Ile	Ile	Pro	Gln	Gln	Ile	Lys	Val	Ile	Pro	Met
					85				90			95			
Gly	Thr	Val													

&lt;210&gt; 11308

&lt;211&gt; 113

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11308

Tyr	Leu	Ser	Ile	Leu	Ile	Ser	Ser	Ala	Asn	Asn	Gly	Ala	Asn	Glu	Met
1					5				10			15			
Asn	Ile	Thr	Ser	Gln	Pro	Asn	Pro	Ala	Ser	Lys	Glu	Phe	Asp	Ile	His
					20				25			30			
Ala	Lys	Leu	Lys	Ala	Ala	Asn	Ser	His	Trp	Ser	Tyr	Leu	Arg	Ala	Ala
					35				40			45			

Gln	Pro	His	Gln	Asn	Asp	Phe	Asp	Tyr	Glu	Phe	Asn	Thr	Thr	Phe	Ile
50						55			60						
Asp	Gly	Leu	Glu	Phe	Ala	Ile	Tyr	Glu	Arg	Val	Gly	Asn	Tyr	Phe	Val
65						70			75						80
Leu	Val	Asp	Phe	Phe	Lys	Ser	Tyr	Glu	Glu	Ala	Cys	Asp	Asp	Ala	Lys
					85			90						95	
Lys	Ile	Ile	Asp	Asp	His	Pro	Asp	Ile	Lys	Lys	Met	Phe	Ser	Ala	Ile
					100			105						110	

&lt;210&gt; 11309

&lt;211&gt; 114

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11309

Ile	Ala	Gly	Val	Phe	His	Ser	Lys	Lys	Val	Glu	Leu	Asp	Gly	Ile	Cys
1									10					15	
Tyr	Glu	Thr	Ser	Asp	Ile	Cys	Ile	Ser	Glu	Leu	Ser	His	Leu	Glu	Phe
									20			25		30	
Ser	Ala	Phe	Leu	Ser	Thr	Asp	Gly	Ala	Ala	Thr	Ile	Ala	Ile	Ala	Lys
								35			40		45		
Asn	Gly	Thr	Asn	Phe	Thr	Gly	Leu	Met	Gln	Leu	Asn	Asn	Asp	Tyr	Ser
								50			55		60		
Leu	Leu	Phe	Tyr	His	Asp	Gly	Lys	Ile	Asn	Met	Glu	Gly	Leu	Ile	Lys
								65			70		75		80
Glu	Met	Glu	Leu	Lys	Gly	Tyr	Met	Tyr	Gln	Gly	Ala	Met	Gly	Asn	Asp
								85			90		95		
Asp	Val	Ala	Ala	Glu	Phe	Pro	Gly	Ile	Leu	Leu	Ile	Ala	Pro	Glu	Lys
								100			105		110		
Leu															

&lt;210&gt; 11310

&lt;211&gt; 121

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11310

Leu	His	Gln	Arg	Ser	Phe	Asn	Ile	Asn	Pro	Ile	Gly	Lys	Ser	Phe	Pro
1									5		10			15	
Val	Gly	Glu	Gly	Phe	Pro	Phe	Phe	Leu	Glu	Lys	Pro	Met	Thr	Leu	Asn
								20			25		30		
Thr	Ser	Met	Leu	Asn	Lys	Val	Ser	Ala	Lys	Gln	Ile	Ser	Glu	Asn	Phe
								35			40		45		
Ala	Lys	Ser	Tyr	Pro	Asp	Leu	Leu	Glu	Ala	Val	Ile	Thr	Lys	Ile	
								50			55		60		
Glu	Ile	Ser	Gly	Cys	Gln	Gly	Ser	Arg	Arg	Asn	Asp	Lys	Ile	Asp	Leu
								65			70		75		80
Ser	Tyr	Asp	Gly	Asp	Asp	Ile	Thr	Asp	Gln	Lys	Ser	Val	Ser	Lys	Asn
								85			90		95		
Gln	Leu	Arg	Trp	Ile	Asp	Ile	Lys	Ala	Leu	Ser	Phe	Gln	Ser	Thr	Ile
								100			105		110		
Thr	Ser	Arg	Ile	Ser	Thr	Pro	Leu	Leu							
								115			120				

&lt;210&gt; 11311

&lt;211&gt; 221

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11311

Leu	Lys	Leu	Thr	Lys	Asp	Asp	Phe	Ile	Asn	Pro	Phe	Arg	Phe	Asn	Ile
1				5					10				15		
Ala	His	Phe	Ile	Pro	Phe	Thr	Pro	Ile	Ser	Val	Glu	Gly	Asp	Glu	Thr
		20						25					30		
Gln	Asp	Tyr	Tyr	Gln	Glu	Gln	Leu	Ile	Thr	Asp	Leu	Ala	Glu	Glu	Ala
		35					40					45			
Met	Arg	Val	Tyr	Glu	Lys	Ile	Ser	Lys	Asn	Asn	Asn	Leu	Arg	Ser	Ser
		50				55					60				
Thr	Ile	Asp	Arg	Leu	Lys	Gln	Met	Gln	Asn	Lys	Ile	Ile	Ser	Phe	Met
		65			70				75				80		
Phe	Ile	His	Lys	Glu	Ala	Ala	Val	Leu	Ala	Glu	Ala	Ile	Lys	His	Ile
		85					90					95			
Met	Asn	Asn	Leu	Pro	Lys	Gly	Ala	Ile	Ser	Glu	Pro	Arg	Asp	Val	Ala
		100					105					110			
Val	Leu	Gln	Gln	Trp	Phe	Tyr	Phe	Met	Ser	Asp	Ala	Ser	Met	Leu	Lys
		115				120			125						
Arg	Ile	Ile	Ser	Gly	Glu	Gln	Lys	Val	Thr	Asp	Trp	Leu	Glu	Ser	Ile
		130				135			140						
Thr	Arg	Ser	Phe	Asn	Gln	Ser	Ser	Gln	Thr	Glu	Pro	Asn	Ala	Leu	Gln
		145			150				155				160		
Asn	Thr	Gly	Ile	Glu	Ala	Ile	Leu	Asp	Ser	Thr	Asn	Val	Phe	Gln	Val
		165				170			175						
Glu	Pro	Val	Val	Glu	Asn	Asp	Ile	Lys	Asn	Ser	Thr	Phe	Ser	Asn	Thr
		180				185			190						
Asp	Ser	Val	Ala	Glu	Pro	Glu	Lys	Ser	Val	Ser	Gln	Gln	Glu	Asp	Asn
		195				200			205						
Ala	Glu	Asn	Gly	Phe	Asp	Ile	Glu	Leu	Lys	Gly	Trp				
		210				215			220						

&lt;210&gt; 11312

&lt;211&gt; 211

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

<400> 11312

Val	Pro	Leu	Phe	Ile	Lys	Arg	Tyr	Ser	Met	Lys	Leu	Asp	Leu	Lys	Ser
1				5					10				15		
Ser	Pro	Arg	His	Ile	Lys	Arg	Leu	Gln	Asn	Ile	Ala	Lys	Val	Ile	Ser
				20				25			30				
Gly	Leu	Gly	Asp	Val	Arg	Val	Val	Ile	Asp	Asp	Asn	Thr	Lys	Gly	Pro
				35			40			45					
Tyr	Phe	Asp	Pro	Val	Asn	Lys	Val	Cys	Val	Leu	Pro	Asn	Gly	Asp	Tyr
				50			55			60					
Ser	Asp	Asp	Asp	Phe	Val	Ser	Leu	Ile	Glu	Gly	Phe	Thr	Cys	His	Glu
				65			70			75			80		
Ala	Gly	His	Gly	Arg	Tyr	Thr	Val	Ser	Glu	Val	Tyr	Ser	Asp	Ala	Phe
				85			90					95			
Asn	Ser	Val	Leu	Met	Ser	Ser	Glu	Gly	Phe	Thr	Arg	Phe	Asp	Asp	Gly
				100			105			110					
Met	Asn	Ala	Glu	Phe	Glu	Ser	Leu	Ala	Glu	Lys	Arg	Lys	Ala	Tyr	Ser
				115			120			125					
Arg	Ala	Lys	Arg	Leu	Thr	Gly	Leu	Ile	Asn	Leu	Phe	Asp	Asp	Val	Gln
				130			135			140					
Met	Glu	Glu	Lys	Val	Gly	Asn	Asp	Tyr	Pro	Asp	Ala	Lys	Arg	Arg	Leu
				145			150			155			160		
Ala	Ala	Thr	Tyr	Ala	Leu	Met	Val	Lys	Ala	Gly	Arg	Met	Thr	Pro	Asp
				165			170			175					
Ile	Ser	Ser	Arg	Pro	Glu	Asn	Pro	Val	Leu	Phe	Ile	Glu	Trp	Tyr	Leu
				180			185			190					

Leu Asn Ser Ser Arg Val Gln Cys Leu Asn Cys Gly Val Gln Glu Arg  
 195 200 205  
 Thr Phe Phe  
 210

<210> 11313

<211> 79

<212> PRT

<213> Enterobacter cloacae

<400> 11313

Thr Leu Thr Lys Leu Gly Phe Ile Tyr Met Lys Asn Ile Lys Ser Ile  
 1 5 10 15  
 Ala Ala Ala Ser Leu Leu Ser Ala Val Ser Phe Ser Gly Leu Ala Gln  
 20 25 30  
 Asn Ile Ser Val Thr Asp Thr Thr Leu Asp Gly Ala Glu Ala Gln Ile  
 35 40 45  
 Ala Ala Lys Ala Lys Glu Ala Lys Thr Ser Tyr Lys Ile Ile Ser Ala  
 50 55 60  
 Tyr Thr Gly Asn Arg Val His Met Thr Ala Val Leu Gly Glu  
 65 70 75

<210> 11314

<211> 121

<212> PRT

<213> Enterobacter cloacae

<400> 11314

Arg Gln Glu Ala Ser Thr Met Arg Leu Ala Ser Tyr Ala Ile Ala Leu  
 1 5 10 15  
 Leu Phe Ile Thr Ser Leu Thr Gly Cys Lys Pro Glu Asn Gly Lys Ala  
 20 25 30  
 Phe Val Gly Asn Trp Val Glu Glu Thr Asn Ser Lys Ile Pro Ala Lys  
 35 40 45  
 Ile Ser Ile Ala Asp Glu Lys Ser Gly Gln Arg His Phe Tyr Ala Val  
 50 55 60  
 Lys Ile Thr Asp Leu Ile Trp Asp Lys Glu Thr Gly Val His Tyr Asn  
 65 70 75 80  
 Thr Lys Lys Ile Asn Ala Met Leu Asp Lys Glu Asn Phe Leu Trp Ala  
 85 90 95  
 Asn Asn Gly Asp Asn Phe Ile Ile Phe Asp Asp His Leu Met Tyr Asn  
 100 105 110  
 Gly Asp Arg Tyr Lys Arg Val Glu  
 115 120

<210> 11315

<211> 65

<212> PRT

<213> Enterobacter cloacae

<400> 11315

Val Pro Gln Arg Ala Gln Pro Leu Ser Phe Val Ala Ser Gly Gln Ala  
 1 5 10 15  
 Gly Asn Ser Glu Glu Thr Ala Ser Asp Lys Leu Glu Glu Arg Gly Asp  
 20 25 30  
 Asp Val Lys Ser Ser Trp Pro Leu Arg Val Gly Leu His Thr Cys Tyr  
 35 40 45  
 Asn Gly Ala Tyr Lys Glu Lys Arg Pro Arg Glu Ser Lys Arg Thr Ser  
 50 55 60

&lt;210&gt; 11316

&lt;211&gt; 203

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11316

Pro	Gln	Met	Ser	Lys	Asn	Lys	Ala	Arg	Ser	Lys	Ala	Leu	His	Gln	Thr
1				5					10						15
Phe	Ser	Glu	Ile	Ile	Pro	Glu	Met	Asp	Lys	Ala	Leu	Asn	Lys	Gln	Leu
				20				25							30
Leu	Glu	Val	Leu	Met	Lys	Tyr	Thr	Glu	Arg	Asp	Asn	Glu	Leu	Ile	Val
				35			40								45
Ile	Leu	Asn	Glu	Asp	Gly	Pro	Asn	Ile	Ile	Glu	Leu	Lys	Ser	Leu	Lys
				50			55								60
Pro	Val	Ser	Leu	Leu	Ala	Glu	Lys	Leu	Ser	Ala	Tyr	Ser	Ser	Tyr	Tyr
				65			70				75				80
His	Val	Asp	Val	Val	Glu	Leu	Val	Val	Lys	Lys	Ile	Asp	Phe	Glu	Gly
					85				90						95
Ala	Tyr	Lys	Leu	Leu	Lys	Ala	Ser	Pro	Asp	Val	Pro	Leu	Phe	Lys	Ser
				100				105							110
Leu	Thr	Glu	Leu	Asp	Lys	Tyr	Leu	Val	Glu	Glu	Phe	Glu	Lys	Tyr	Gly
				115			120								125
Leu	Asn	Ser	Phe	Leu	Asp	Val	Asp	Asn	Leu	Asp	Tyr	Ser	Leu	Glu	Lys
				130			135								140
Ala	Ser	Glu	Leu	Lys	Asn	Glu	Gln	Leu	Ile	Asn	Trp	Val	Ser	Asp	Ile
				145			150				155				160
Ile	Cys	Lys	Arg	Glu	Lys	Leu	Thr	Leu	Arg	Lys	Arg	Phe	Asp	Val	Ala
				165				170							175
Val	Lys	Ala	His	Tyr	Glu	Asn	Val	Glu	Asn	Met	Tyr	Asp	Ser	Ser	Pro
				180			185								190
Gln	Arg	Gly	Arg	Arg	Thr	Arg	Ala	Lys	Arg						
				195			200								

&lt;210&gt; 11317

&lt;211&gt; 74

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;220&gt;

&lt;221&gt;UNSURE

&lt;222&gt;(74)

&lt;400&gt; 11317

Thr	Leu	Gly	Leu	Arg	Glu	Ala	Thr	Leu	Lys	Glu	Gln	Phe	Leu	Val	Ser
1				5				10							15
Ala	Val	Ser	Leu	Tyr	Pro	Ile	Thr	Trp	Phe	Lys	Gln	Phe	Pro	Lys	Trp
				20			25								30
Thr	Tyr	Thr	Ser	Asp	Gln	Thr	Asn	Leu	Pro	Lys	Leu	Val	Phe	Phe	Pro
				35			40								45
Phe	Pro	Glu	Ala	Arg	Arg	Ile	Thr	Asn	Gly	Tyr	Glu	His	Gly	Phe	Pro
				50			55								60
Ile	Lys	Ile	Phe	Leu	Leu	Arg	Asn	Arg	Xaa						
	65			70											

&lt;210&gt; 11318

&lt;211&gt; 285

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11318

Phe Gln Ile Thr Ala Ile Asn Ser Ala Thr Ser Leu Thr Val Thr Pro  
 1 5 10 15  
 Ala Ala Ser Gln Ala Leu Ser Gly Gln Lys Tyr Gly Ile Leu Val Thr  
 20 25 30  
 Asp Ser Leu Ser Val Asp Gly Leu Ala Gln Ser Met Ser Gln Leu Ile  
 35 40 45  
 Asn Glu Tyr Asp Glu Asn Ile Gly Ala Trp Glu Thr Phe Ala Thr Thr  
 50 55 60  
 Ser Ala Asn Gln Asn Ile Thr Val Thr Ile Asn Gly Ala Arg Val Thr  
 65 70 75 80  
 Ile Pro Ala Ile Gly Lys Leu Val Gln Lys Gly Ser Asn Gly Ala Val  
 85 90 95  
 Gly Val Ser Asp Gly Gly Thr Gly Ala Thr Asn Ala Ala Asp Ala Arg  
 100 105 110  
 Thr Asn Leu Gly Leu Gly Ser Ser Ala Thr Lys Asp Val Gly Thr Asp  
 115 120 125  
 Ser Gly Asn Val Met Gln Val Gly Ala Phe Gly Val Gly Thr Tyr Gln  
 130 135 140  
 Ala Pro Arg Pro Asn Asp Ala Asn Ser Ser Phe Ile Ser Asp Ala Asp  
 145 150 155 160  
 Gly Asn Thr Ser Trp Ala Pro Ala Asn Gly Cys Gly Tyr Gln Ser Ser  
 165 170 175  
 Tyr Asn Thr Gln Arg Ile Ala Gln Met Trp Val Thr Thr Gly Gly Ala  
 180 185 190  
 Gly Tyr Cys Arg Phe Leu Leu Asn Thr Asn Pro Gln Thr Ala Lys Thr  
 195 200 205  
 Asp Ala Pro Trp Thr Val Phe Gln Ser Ala Gly Thr Ser Asp Ile Asn  
 210 215 220  
 Phe Lys Lys Val Thr Gly Asp Leu Asp Leu Asn Glu Ser Leu Ser Asn  
 225 230 235 240  
 Ile Ala Ala Met Asp Phe Lys Thr Phe Tyr Tyr Leu Ala Asp Glu Asp  
 245 250 255  
 Lys Val Ile Arg Arg Gly Val Ile Ala Gln Glu Leu Glu Lys Ile Asp  
 260 265 270  
 Pro Gln Val Phe Thr Thr Arg Ser Lys Lys Val Leu Cys  
 275 280 285

<210> 11319

<211> 64

<212> PRT

<213> Enterobacter cloacae

<400> 11319

Glu Gly Ala Leu Asp His Asn Asn His Thr Ile Ser Leu Ile Tyr Asn  
 1 5 10 15  
 Lys Met Leu Ile Leu Phe Ile Gln Val Asn Asp Arg Tyr Glu Ile His  
 20 25 30  
 Pro Tyr Gln Arg Ala Gly Asp Lys Leu Thr Phe Ile Lys Asn Asn Leu  
 35 40 45  
 Leu Asn Ile Phe Ile Phe Leu His Glu Ala Ile Arg Pro Glu Pro  
 50 55 60

<210> 11320

<211> 72

<212> PRT

<213> Enterobacter cloacae

<400> 11320

Gln Thr Gly Ser Gly Ser Asp Cys Tyr Leu Thr Ala Ser Pro Ala Thr  
 1 5 10 15  
 His Asn Cys Asp Ser Met Glu Gln Val Ala Asp Lys Phe Phe Asp Arg

20	25	30
Leu Val Ser Gly Gln Ile Lys Ile Lys Arg Gly Leu Ser Val Asn Gly		
35	40	45
His Ser Ser Lys Glu Lys Tyr Asn Leu Ile Ala Gly Gly Met Val Asn		
50	55	60
Val Lys Ser Leu Val Arg Gly		
65	70	

&lt;210&gt; 11321

&lt;211&gt; 99

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11321

Pro Ile Tyr Arg Leu Val Asp Asn Tyr Asn Gln Arg Ala Val Gly Phe			
1	5	10	15
Pro Gln Gln Thr Met Gly Ile Ala Ala Pro Gly Gln Arg Met Gly Glu			
20	25	30	
Gln Thr Gly Ile Asn Gly Phe Phe Arg Lys Arg Gln Met His Arg Ile			
35	40	45	
Arg Phe His Leu Asn Arg Gly Ala Ile Lys Arg Tyr Ala Asn Leu Met			
50	55	60	
Arg Asp Ser Ala Ala Phe Gly Ile Asp Phe Cys Ala Gln Ile Ala Asn			
65	70	75	80
Leu Lys Gln Val Lys Thr Ile His Phe Arg Glu Pro Gly Phe Lys Leu			
85	90	95	
Lys Phe			

&lt;210&gt; 11322

&lt;211&gt; 79

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11322

His Val Leu Leu Ser Gly Asp Arg Tyr Thr Pro Val Ile Glu Thr Val			
1	5	10	15
Ala Glu Pro Asp Ser Phe Pro Ile Arg Leu Val Phe Pro Thr Leu Arg			
20	25	30	
Leu Phe Ile Leu Cys Asp Leu Ser Gln Gly Val Ala Ser Leu Ser Ala			
35	40	45	
Ala Arg Ser Ala Glu Arg Ile Ala Asn Gly Ser Ser Asp Val Phe Arg			
50	55	60	
Asp Ser Gly Asn Ser Phe Ser Phe Lys Gly Trp Gln Asn Phe			
65	70	75	

&lt;210&gt; 11323

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Enterobacter cloacae

&lt;400&gt; 11323

Lys Lys Ala Val Asn Leu Gly Leu Leu Ser Ile Gln Gln Cys Gln Ile			
1	5	10	15
Leu Arg Gln Ser Lys His Pro Arg Pro Met Lys Met Ile Gln Cys Gln			
20	25	30	
Lys Lys Thr Arg Tyr Gln Asn Asp Leu Lys Lys Arg Asp Ala Gly Arg			
35	40	45	
Asp Tyr His Ser Ala Leu Trp Gly Tyr Leu Leu Ala Leu Ile Pro His			
50	55	60	
Arg Leu Val Val Val			

65

70

<210> 11324

<211> 193

<212> PRT

<213> Enterobacter cloacae

<400> 11324